Baseline Water Quality Data

Inventory and Analysis

Coulee Dam
National Recreation Area



Water Resources Division and Servicewide Inventory and Monitoring Program

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

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BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

COULEE DAM NATIONAL RECREATION AREA

National Park Service
Water Resources Division
Fort Collins, CO 80525

Technical Report NPS/NRWRD/NRTR-95/52

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United States Department of the Interior
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EXECUTIVE SUMMARY

This document presents the results of surface-water-quality data retrievals for Coulee Dam National Recreation Area (CODA) 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 CODA study area from the IFD, DRINKS, and GAGES databases located three industrial dischargers, ten drinking water intakes, nine active or inactive United States Geological Survey (USGS) gaging stations, and one United States Bureau of Reclamation (USBR) gaging station. The results of the STORET retrieval for the study area yielded 46,404 observations for 389 separate parameters collected by one state (Washington Department of Ecology) and four federal (USGS, EPA, USBR, and United States Forest Service) government agencies at 197 monitoring stations. Of the 197 monitoring stations, eight were established but contained no data; 11 contained no data appropriate for statistical analysis; 52 monitored bottom deposits; seven monitored fish and/or animal tissue samples; and three monitored trichloroethylene, tetrachloroethylene, and 1,1,1-trichloroethane concentrations. One-hundred-seven sampling stations were located within the park boundary. One-hundred-eighty sampling stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Only 17 stations within the study area yielded longer-term records consisting of multiple observations for several important water quality parameters. Eleven stations yielding longer-term records within the park boundary are: (1) FDR Lake Below Water Plant Inlet (CODA 0041); (2) FDR LK, Grand Coulee City Intake (CODA 0051); (3) FDR Lake Log Boom Site (CODA 0052); (4) Crescent Bay Lake Upper Site (CODA 0053); (5) Crescent Bay Lake Discharge (CODA 0054); (6) FDR Lake at Coulee Dam City Municiple Intake (CODA 0067); (7) Columbia R BL Grand Coulee Dam (CODA 0069); (8) Columbia River at Grand Coulee, Wash. (CODA 0070); (9) Columbia R at Grand Coulee Dam (CODA 0071); (10) Kettle River NR Barstow, Wash. (CODA 0184); and (11) Kettle River Near Barstow (CODA 0185)[††]. Six stations yielding longer-term records within the study area, but outside of the park boundary are: (1) Blue CR NR Mouth NR Wellpinit, WA (CODA 0021); (2) Columbia River at Grand Coulee (CODA 0047); (3) Sanpoil River at Keller (CODA 0105); (4) Sanpoil R ABV Jack CR at Keller, Wash. (CODA 0106); (5) Colville River at Kettle Falls, Wash. (CODA 0154); and (6) Colville River at Kettle Falls (CODA 0155)[††].

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

[†]The EPA RF3 file has not been completed for Washington. Consequently, 1:100,000 scale digital hydrography from the U.S. Census TIGER files was used to provide the hydrographic backdrop for analyzing CODA's water quality data. When the EPA completes the RF3 dataset for Washington, these data will be sent to CODA.

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

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 CODA water quality criteria screen found 13 parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, cadmium, copper, lead, zinc, and mercury all exceeded their respective EPA acute or chronic criteria for the protection of freshwater aquatic life. Nitrate, sulfate, cadmium, lead, uranium, and mercury 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 1,830 times at 81 monitoring stations from 1960 through 1992. Of the 1,828 observations used in the criteria analysis (see the EPA Water Quality Criteria Analysis for Station in the Interpretive Guide to Water Quality Results and the Remark Code Screen in the Methodology for explanation), 32 observations at four stations (CODA 0003, CODA 0053, CODA 0054, and CODA 0185) were below the 4 mg/L EPA criterion for the protection of freshwater aquatic life. Twenty-seven of the 32 observations exceeding the criterion occurred at Crescent Bay Lake Upper Site (CODA 0053).

The pH was measured 1,621 times at 69 monitoring stations throughout the study area from 1948 through 1992. Of the 1,619 observations used in the criteria analysis (see the Remark Code Screen in the Methodology for explanation), 25 observations at 17 monitoring stations were outside the pH range of 6.5 to 9.0 standard units (EPA chronic criteria for freshwater aquatic life). Thirteen of the 25 observations were less than or equal to pH 6.5, while 12 were greater than or equal to pH 9.0.

Turbidity was measured 1,798 times at 61 monitoring stations throughout the study area from 1961 through 1992. The WRD screening criteria of 50 JTU/FTU was exceeded 34 times at 11 monitoring stations (CODA 0043, CODA 0076, CODA 0079, CODA 0080, CODA 0084, CODA 0088, CODA 0105, CODA 0116, CODA 0154, CODA 0155, and CODA 0185) within the study area. Sixteen of the 34 observations exceeding the criterion occurred in the Colville River at Kettle Falls (CODA 0155).

Total coliform concentrations were determined 437 times at 30 monitoring stations from 1960 through 1976. Seventy-two observations at six stations (CODA 0105, CODA 0106, CODA 0154, CODA 0155, CODA 0184, and CODA 0185) exceeded the 1,000 CFU/MPN per 100 ml criterion. Seventy-nine percent of the observations exceeding the criterion occurred in the Colville River at Kettle Falls (CODA 0154 and CODA 0155). Fecal coliform concentrations were measured 1,003 times at 38 monitoring stations from 1971 through 1992. Of the 880 observations used in the criteria analysis (see the Remark Code Screen in the Methodology for explanation), 18 observations at eight stations near Keller, Inchelium, and Kettle Falls, Washington (CODA 0080, CODA 0095, CODA 0096, CODA 0099, CODA 0105, CODA 0106, CODA 0118, and CODA 0155) exceeded the 200 CFU per 100 ml criterion. Eleven of the 18 observations exceeding the criterion occurred in the Colville River at Kettle Falls (CODA 0155).

Nitrate concentrations (including dissolved and total as N) were measured 1,211 times at 63 monitoring stations from 1948 through 1987. One total concentration of 30 mg/L exceeded the drinking water criterion of 10 mg/L in Hall Creek-Above Dam (CODA 0132) on August 14, 1981.

Sulfate concentrations (including dissolved and total as SO_4) were measured 717 times at 46 monitoring stations from 1948 through 1988. Five total as SO_4 observations in Blue CR NR Mouth NR Wellpinit, WA (CODA 0021) exceeded the proposed drinking water criterion of 400 mg/L.

Cadmium concentrations (including dissolved and total) were measured 152 times at 33 monitoring stations from 1972 through 1988. Of the 142 observations used in the criteria analysis (see the Remark Code Screen in the Methodology for explanation), six total cadmium observations at Spokane R BL Long Lake Dam (CODA 0008) and Sanpoil River Near Mouth (CODA 0098) exceeded both the acute freshwater criterion of 3.9 µg/L and the drinking water criterion of 5.0 µg/L.

Copper concentrations (including dissolved, suspended, and total) were measured 435 times at 59 monitoring stations from 1960 through 1991. Of the 432 observations used in the criteria analysis (see the Remark Code Screen in the Methodology for explanation), 35 observations (30 dissolved and five total) at ten stations (CODA 0008, CODA 0039, CODA 0040, CODA 0069, CODA 0075, CODA 0105, CODA 0106, CODA 0154, CODA 0155, and CODA 0184) exceeded the acute freshwater criterion of 18 µg/L.

Lead concentrations (including dissolved, suspended, and total) were measured 381 times at 58 monitoring stations from 1971 through 1986. Of the lead observations used in the criteria analysis (see the EPA Water Quality Criteria Analysis for Station in the Interpretive Guide to Water Quality Results for explanation), the drinking water criterion of 5 µg/L was exceeded 90 times (58 dissolved and 32 total concentrations) and the acute freshwater criterion of 82 µg/L was exceeded 6 times (dissolved concentration) at 14 monitoring stations (CODA 0008, CODA 0021, CODA 0039, CODA 0040, CODA 0069, CODA 0070, CODA 0071, CODA 0075, CODA 0105, CODA 0106, CODA 0154, CODA 0156, CODA 0184, and CODA 0185) throughout the study area.

Zinc concentrations (including dissolved, suspended, total, and total recoverable) were measured 479 times at 60 monitoring stations from 1961 through 1991. Of the 477 zinc observations used in the criteria analysis (see the Remark Code Screen in the Methodology for explanation), 27 observations (13 dissolved, 1 suspended, and 13 total) at eight monitoring stations (CODA 0008, CODA 0021, CODA 0039, CODA 0040, CODA 0069, CODA 0070, CODA 0071, CODA 0105, and CODA 0106) exceeded the acute freshwater criterion of 120 µg/L. Fourteen of the 27 observations exceeding the criterion occurred in the Spokane River Below Long Lake Dam (CODA 0008).

Natural dissolved uranium concentrations were measured 17 times at two monitoring stations in Blue Creek (CODA 0021 and CODA 0032) from 1980 through 1988. All 17 observations exceeded the drinking water criterion of 20 µg/L. Sixteen of the 17 observations exceeding the criterion occurred at Blue CR NR Mouth NR Wellpinit, WA (CODA 0021).

Mercury concentrations (including dissolved, total, and total recoverable) were measured 335 times at 50 monitoring stations from 1971 through 1991. Of the 325 mercury observations used in the criteria analysis (see the Remark Code Screen in the Methodology for explanation), the drinking water criterion of 2.0 µg/L and the acute freshwater criterion of 2.4 µg/L were exceeded 13 and eight times, respectively in the Spokane River (CODA 0008), Sanpoil River (CODA 0105 and CODA 0106), and Colville River (CODA 0154 and CODA 0155).

The IDEA conducted for CODA indicates that STORET data exist for all Level I parameter groups in the park. Sufficient quantities of timely data were retrieved for the required chemical parameters. Results for only 30 of the 127 EPA priority toxic pollutants (including inorganic parameters, general organics, pesticides, and PCB's) were retrieved from STORET.

Coulee Dam National Recreation Area established in 1946, five years after Coulee Dam was finished, consists mainly of Lake Roosevelt and the adjoining land areas. Other surface water resources within the CODA study area include rivers (eg., Columbia, Spokane, and Kettle) and many streams (eg., Colville and Sanpoil). Since the upper reaches of most rivers and streams lie outside the park boundary, activities on adjoining land and waterways in Canada and the United States may impact on water quality. Based on the data inventories and analyses contained in this report, surface waters within the study area appear to be of generally good quality, with indications of some impacts from human activities. Sources of possible contamination include sewage treatment plant discharge; septic tanks; timber harvesting and milling; mining; metal smelting; agricultural practices; washwater discharges from boats and boat motors; and recreation.

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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 Hermsen helped prepare the report and write the Executive Summary.

Joe Gregson and Scott Grover 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.

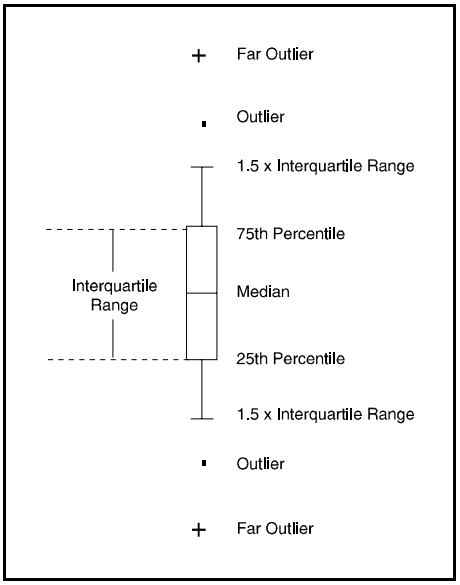
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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 CODA[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:	821472	104160
# STORET Stations:	197	107
# Stations With No Data:	8	1
# Stations With No Stat. Analysis:	11	7
# Longer Term Stations:	17	11
Date of STORET Retrieval:	02/02/94	02/02/94
Period of Record:	01/01/01-10/16/92	01/01/01-10/16/92
# Parameters Measured:	389	291
# Water Quality Observations:	46404	25035
# Industrial/Municipal Facilities:	3	1
# Drinking Water Intakes:	10	6
# Water Gages:	10	2
# Water Impoundments:	12	1
# Total Plots:	98	58
# Time Series:	31	19
# Annual:	33	17
# Seasonal:	34	22

Hydrologic Definition of Seasons:

1. August 15 - January 31
2. February 1 - April 15
3. April 16 - August 14

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 22 years and at least 136 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 12 years.

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

Seasonal Analysis Criteria:

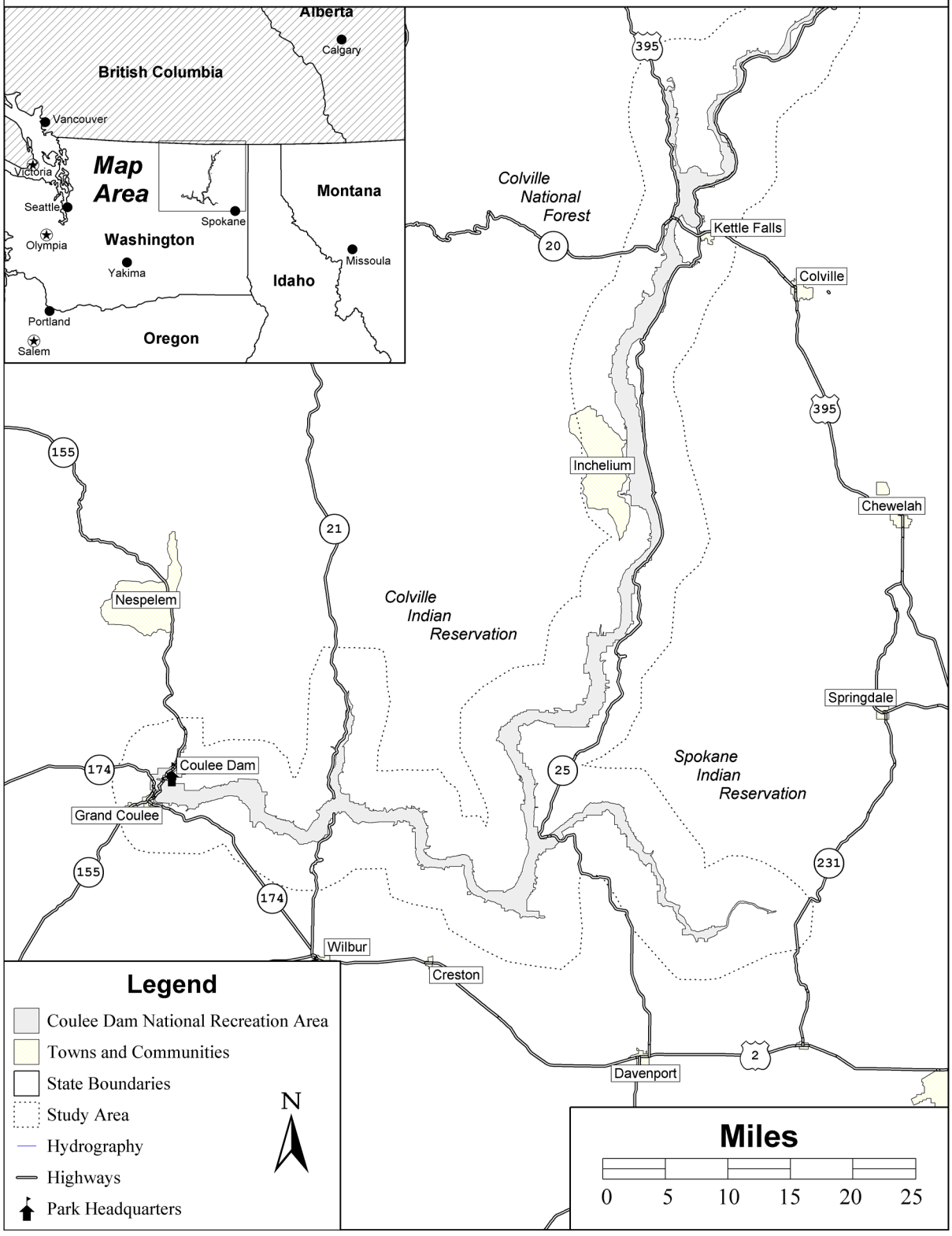
To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 25 years and observations in at least 4 of the 25 years.

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

[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).

Coulee Dam National Recreation Area

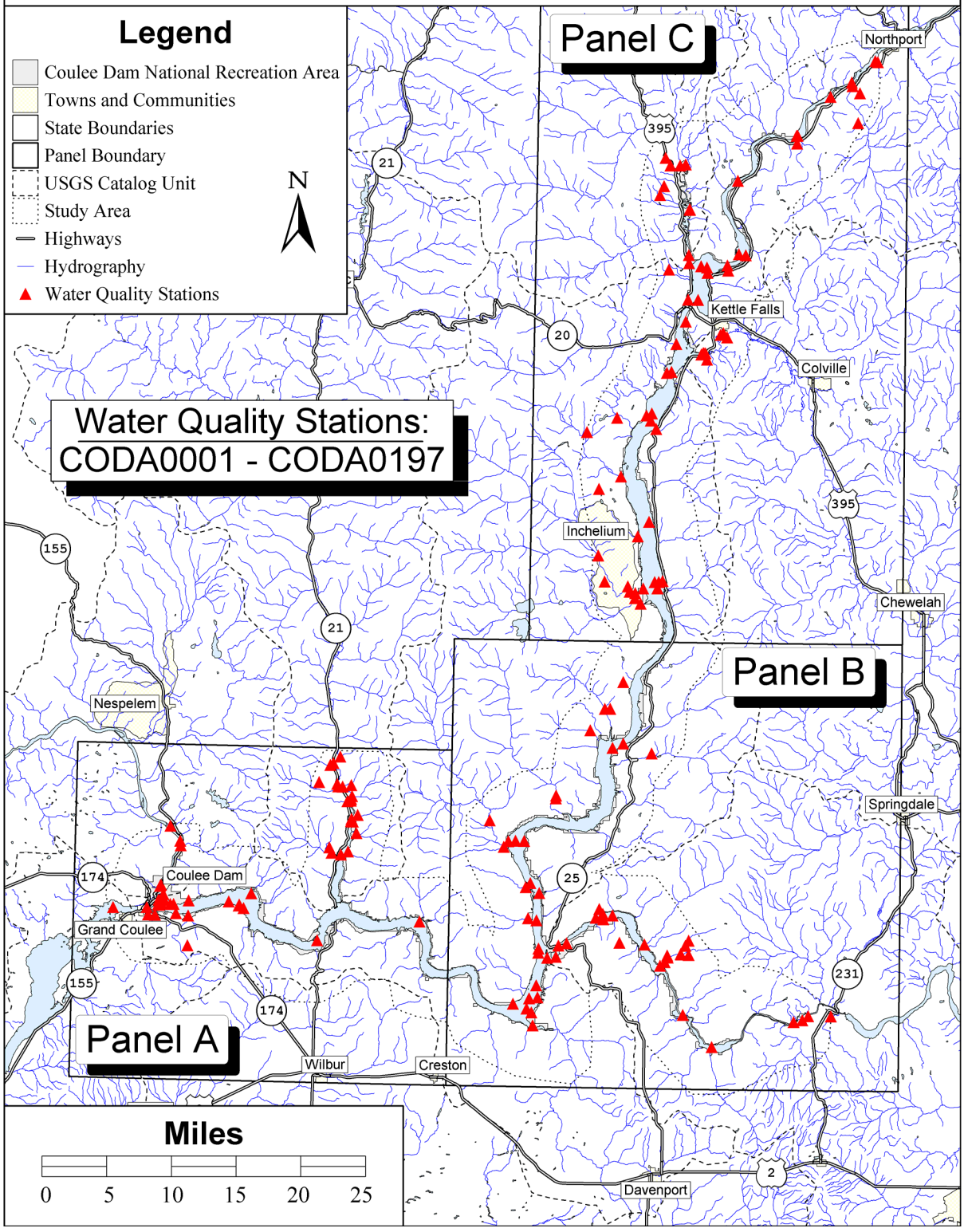
Regional Location Map



Coulee Dam National Recreation Area

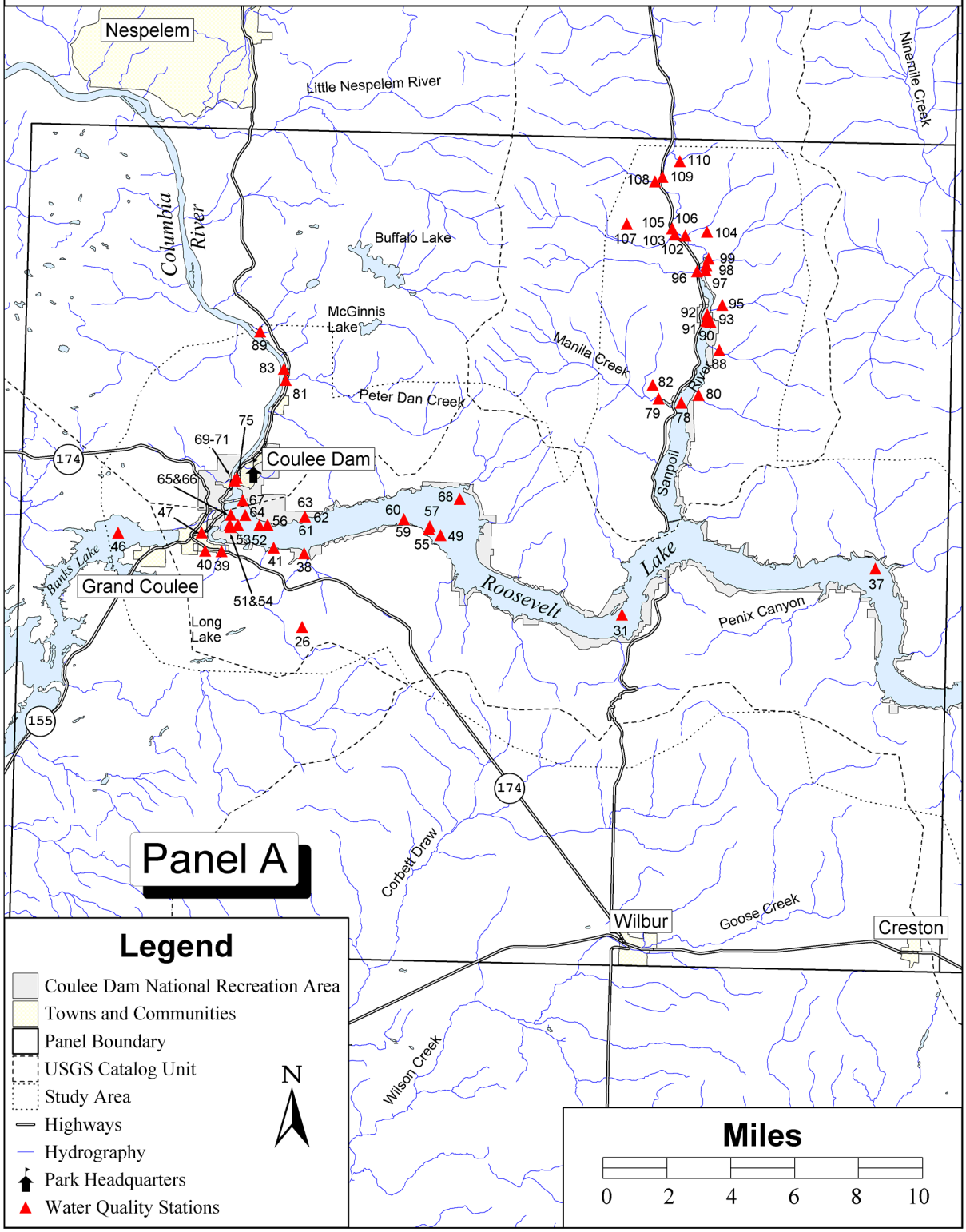
Water Quality Monitoring Locations

Graphic Panel Index



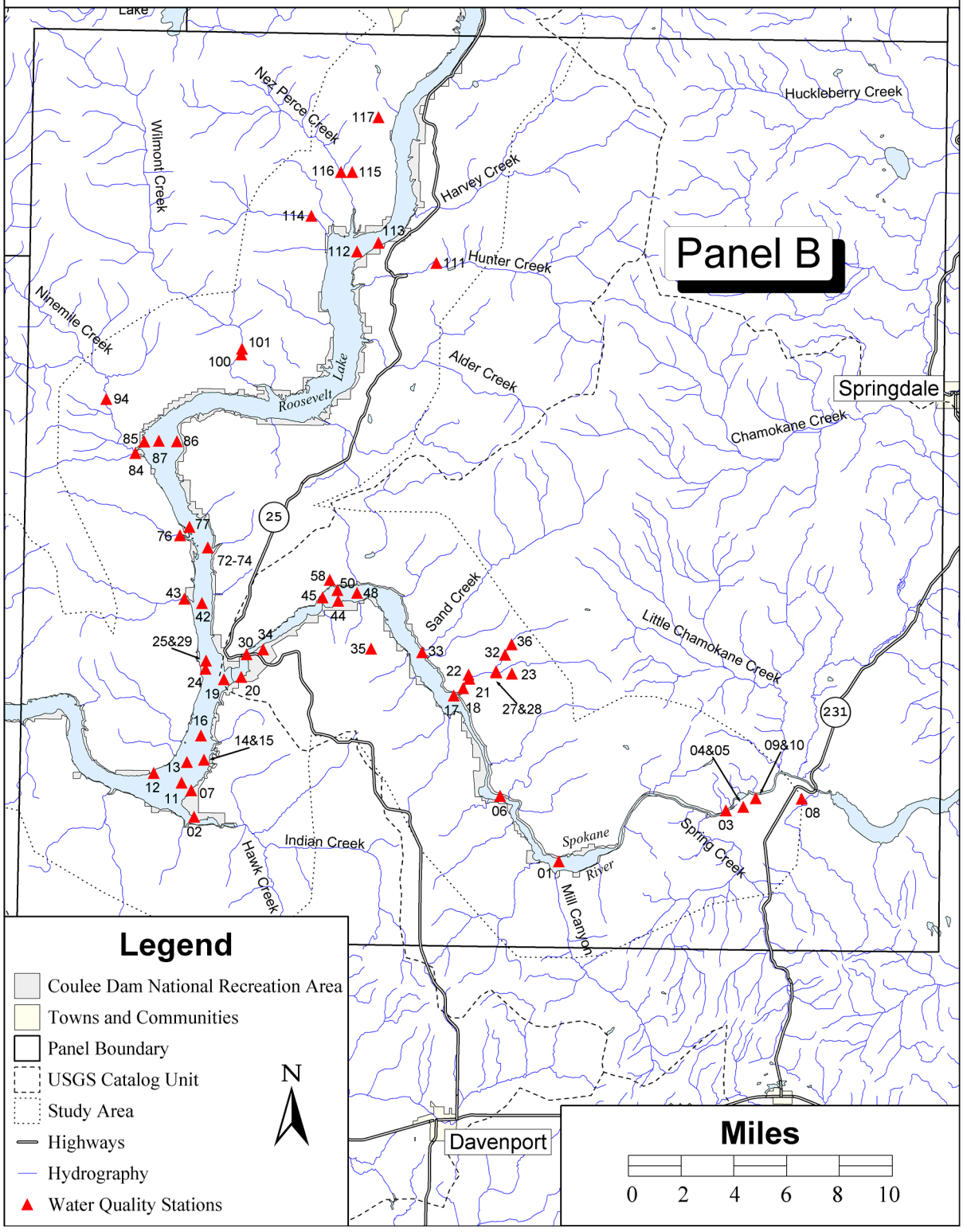
Coulee Dam National Recreation Area

Water Quality Monitoring Locations



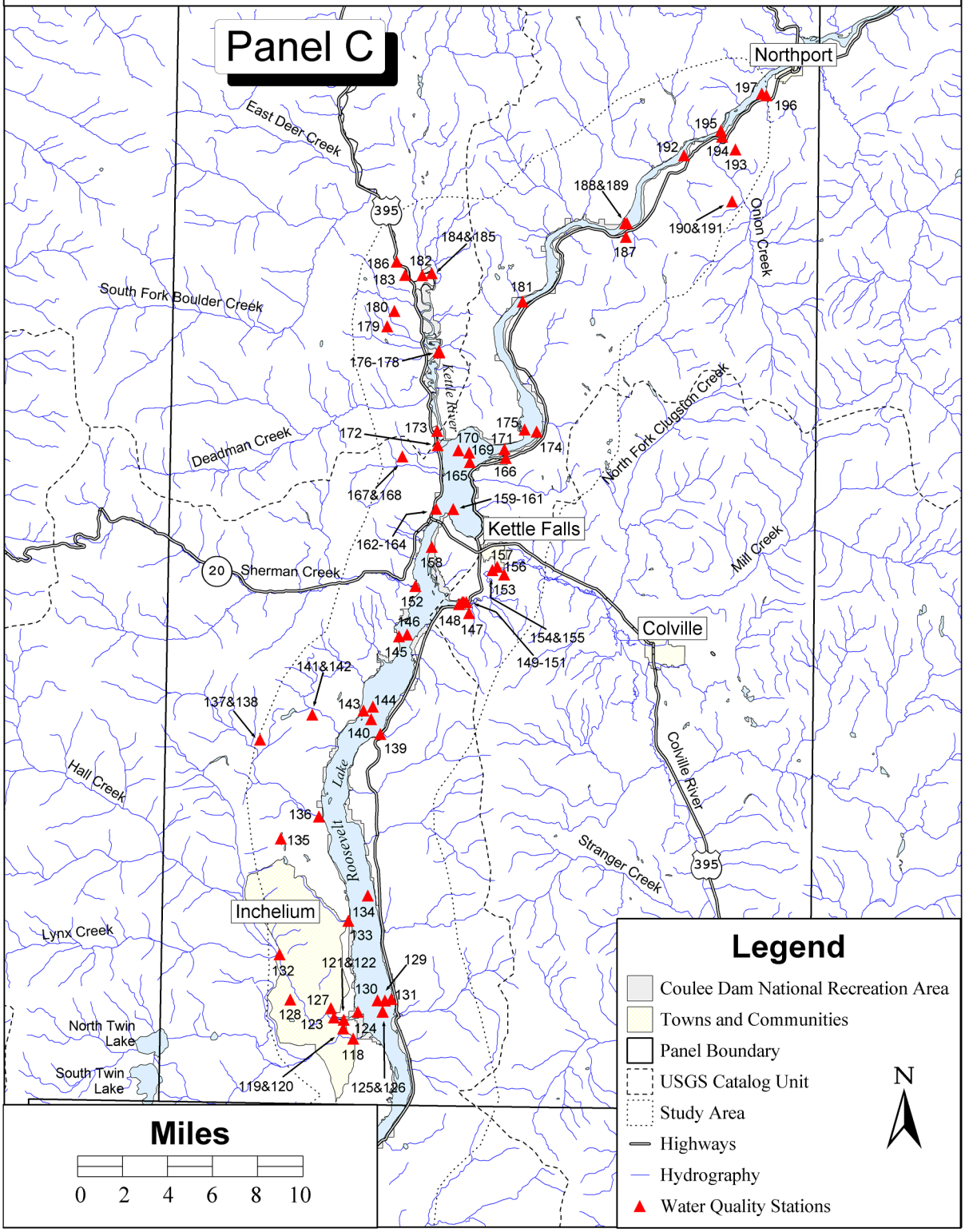
Coulee Dam National Recreation Area

Water Quality Monitoring Locations



Coulee Dam National Recreation Area

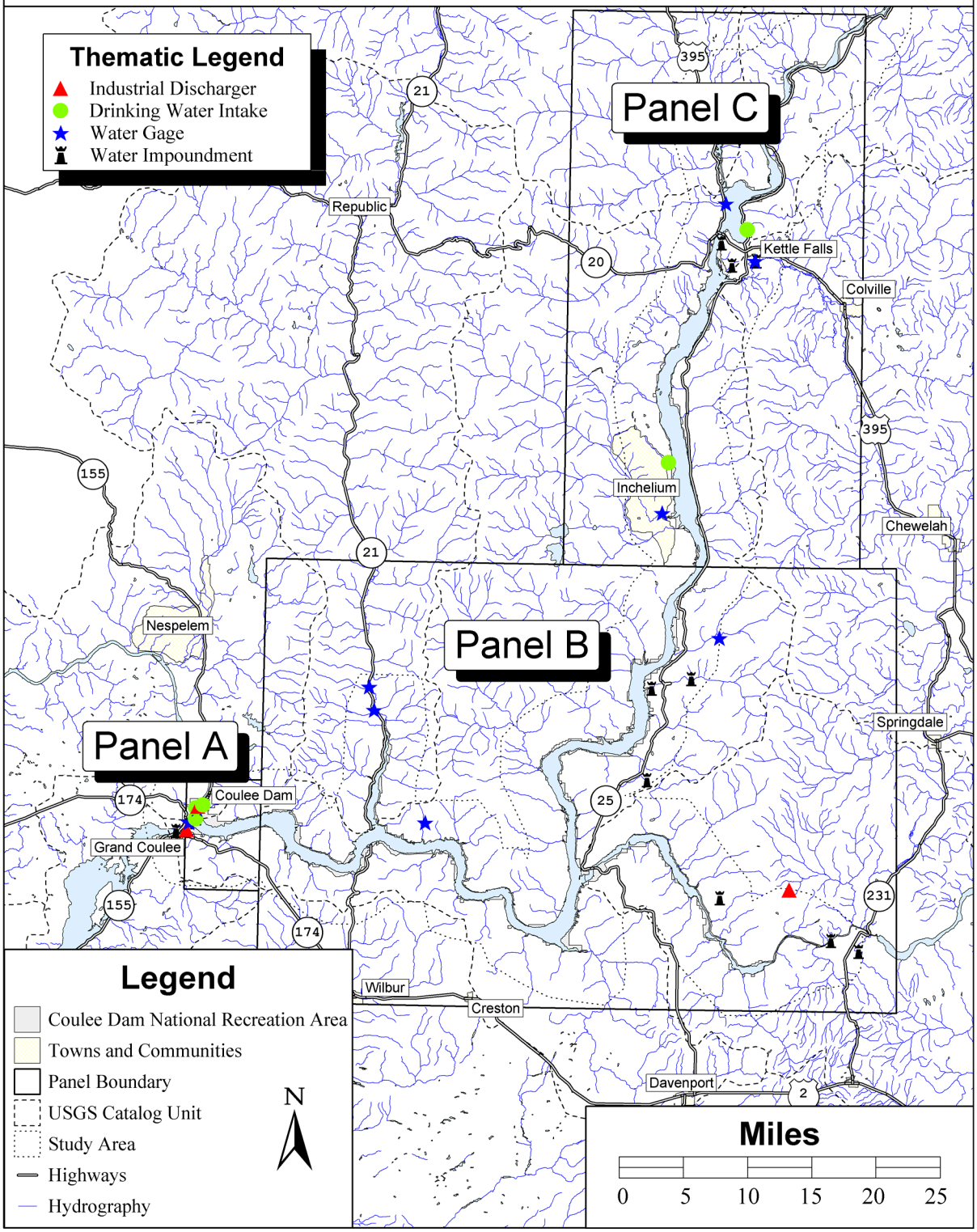
Water Quality Monitoring Locations



Coulee Dam National Recreation Area

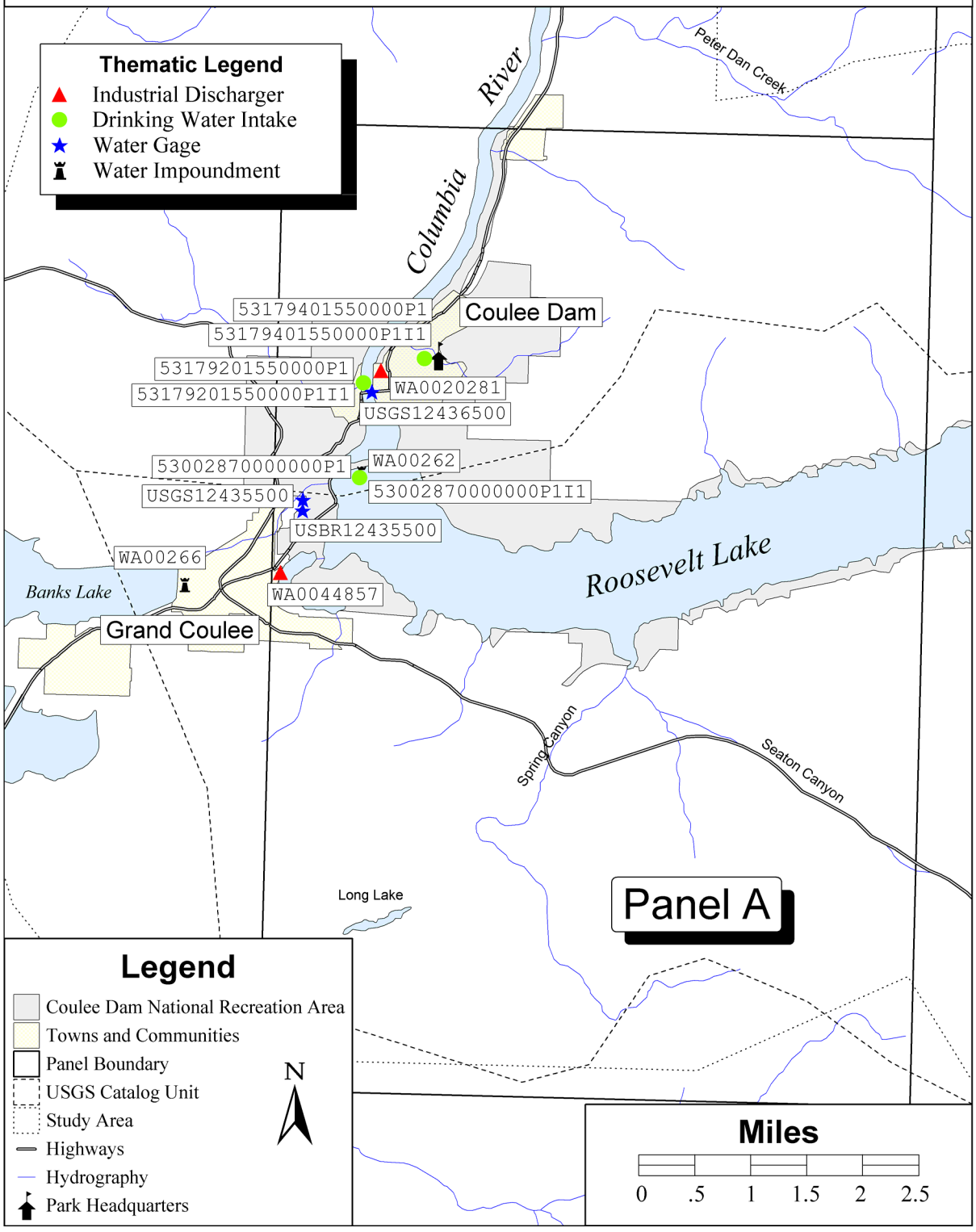
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

Graphic Panel Index



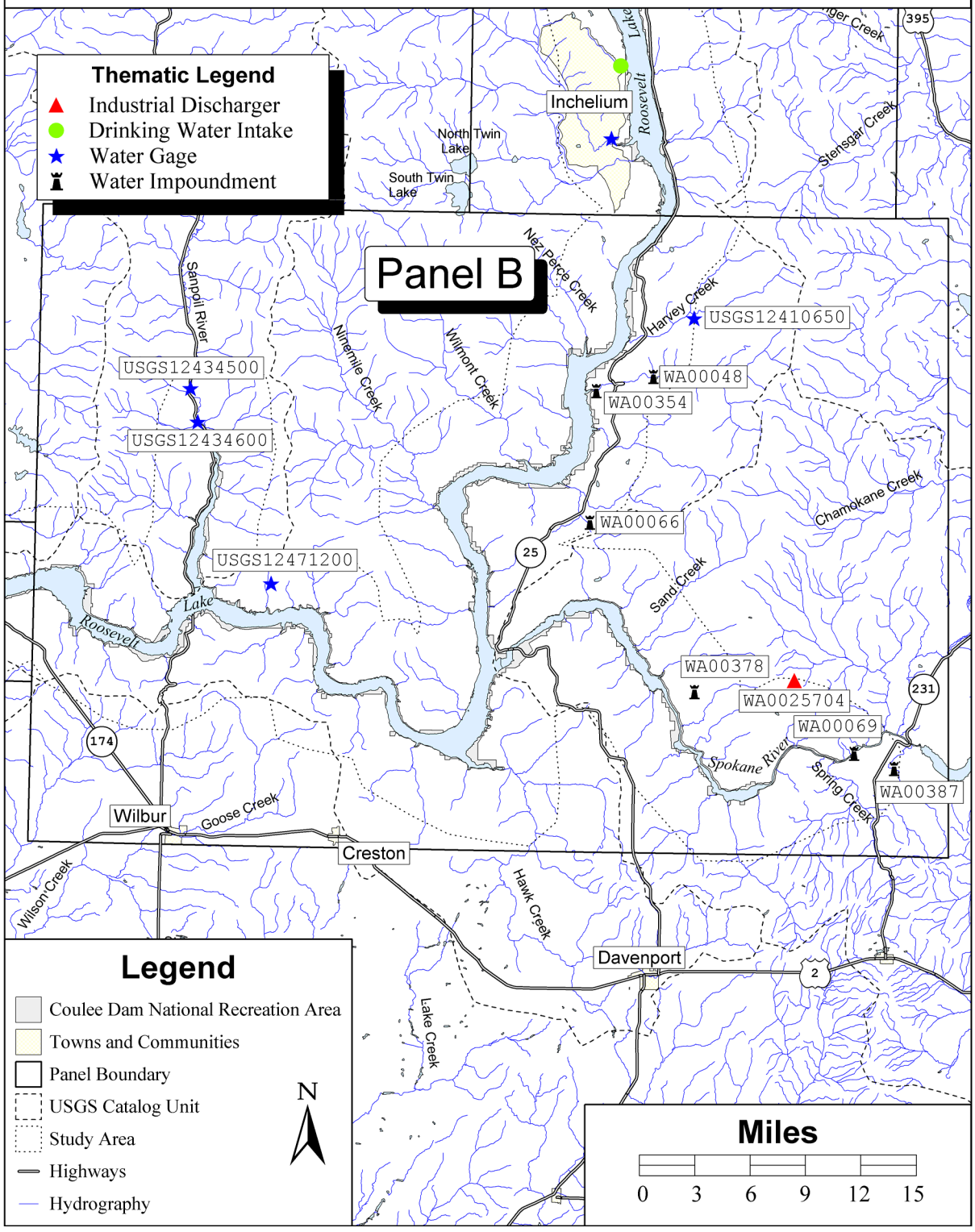
Coulee Dam National Recreation Area

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



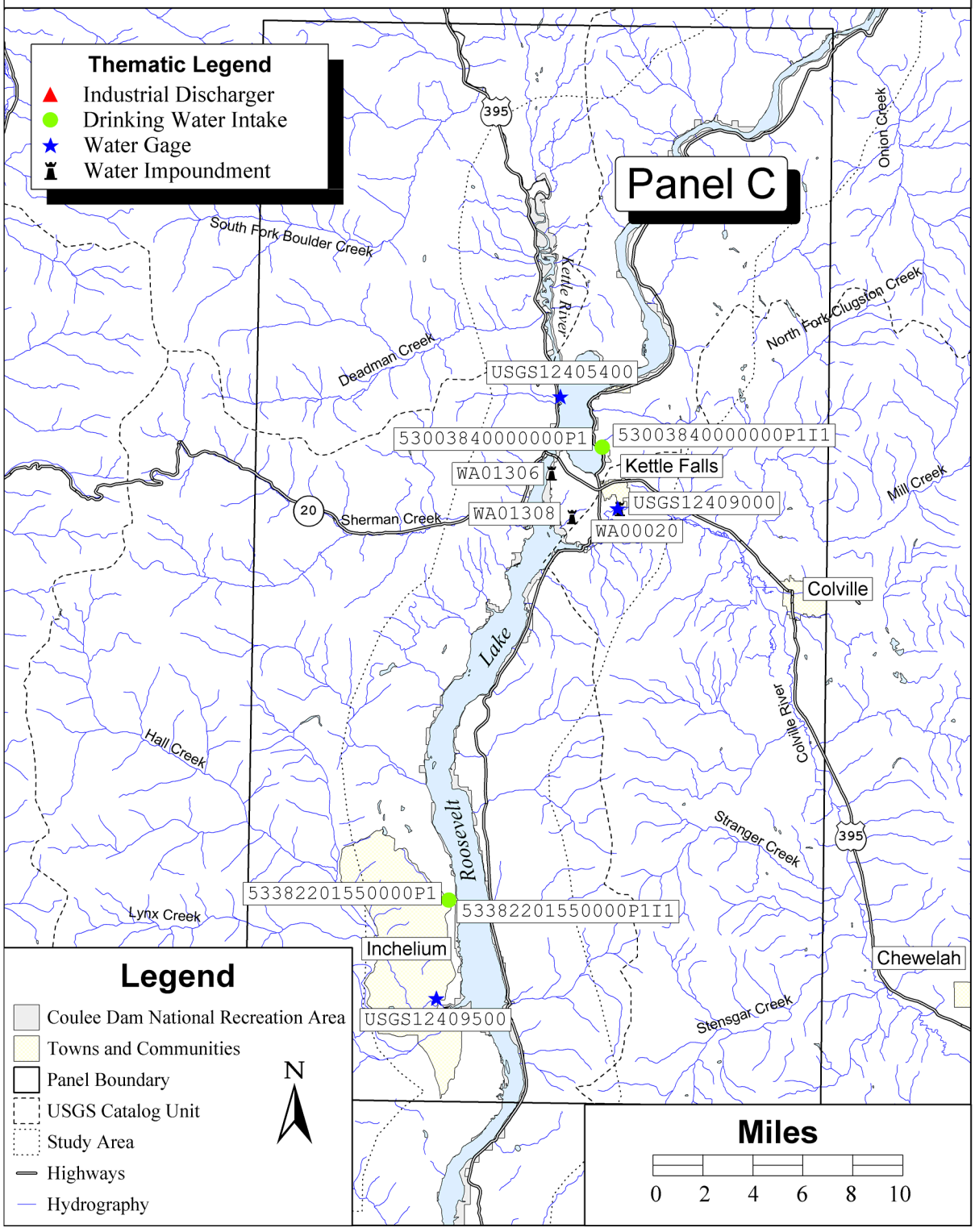
Coulee Dam National Recreation Area

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Coulee Dam National Recreation Area

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
WA0044857	GRAND COULEE, CITY OF	BOX 180	GRAND COULEE CITY	CRESCENT BAY
WA0025704	SPOKANE TRIBE OF INDIANS	PO BOX 345	WELLPINIT	WELLPINIT,CHAMOK
WA0020281	COULEE DAM, CITY OF	300 LINCOLN	COULEE DAM EAST	COLUMBIA R

Drinking Water Intakes

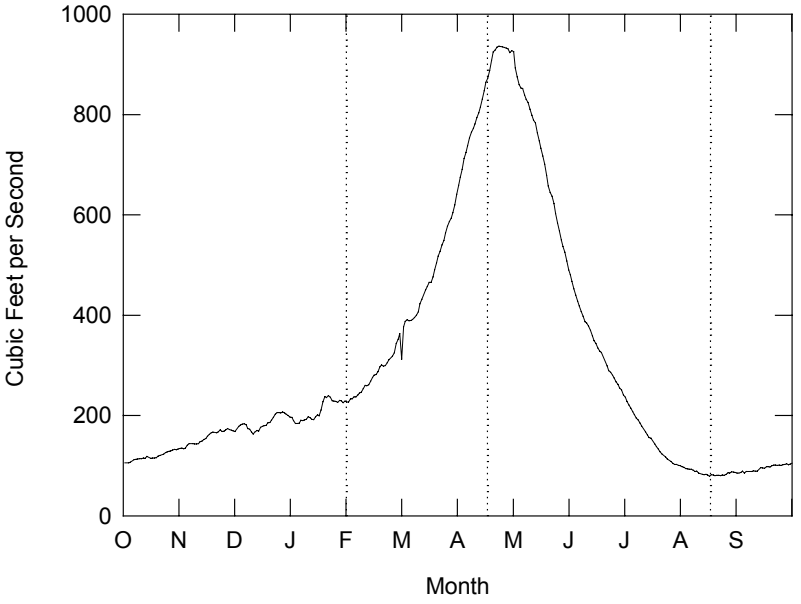
Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)
53002870000000P1	TREATMENT PLANT	GRAND COULEE	1400	5635.00
53002870000000P1I1	COLUMBIA RIVER	GRAND COULEE	1400	5635.00
53003840000000P1	TREATMENT PLANT	KETTLE FALLS	2000	0000.00
53003840000000P1I1	COLUMBIA RIVER	KETTLE FALLS	2000	0000.00
53179201550000P1	TREATMENT PLANT	COULEE DAM WE	1350	-
53179201550000P1I1	LAKE WASHINGTON	COULEE DAM WE	1350	-
53179401550000P1	TREATMENT PLANT	COULEE DAM EA	1000	-
53179401550000P1I1	COLUMBIA RIVER	COULEE DAM EA	1000	-
53382201550000P1	TREATMENT PLANT	INCHELIUM	400	-
53382201550000P1I1	UNKNOWN SURF SOURCE	INCHELIUM	400	-

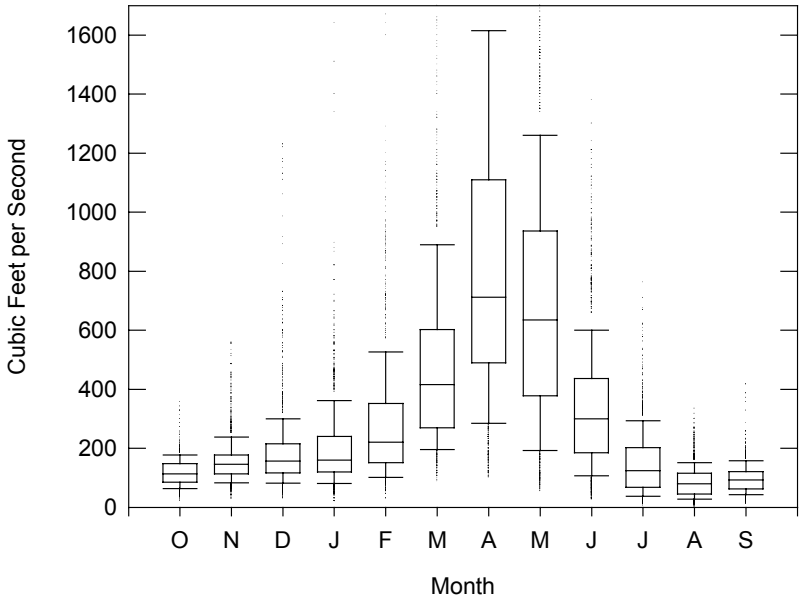
USGS Stream Gages

Site ID	Station Name	Catalog Unit	Drainage Area (Square Miles)	USGS Mean Annual Flow (Cubic Feet/Second)
USBR12435500	FEEDER CA AT GRAND		-	-
USGS12405400	NANCY CREEK NEAR KE		1190.00	-
USGS12409000	COLVILLE RIVER AT K		1007.00	305.23
USGS12409500	HALL CREEK AT INCHE		6000.00	77.47
USGS12410650	NORTH FORK HARVEY C		696.00	-
USGS12434500	SANPOIL R NR KELLER		890.00	-
USGS12434600	JACK CREEK AT KELLE		8.17	-
USGS12435500	FEEDER CANAL AT GRA		-	2706.42
USGS12436500	COLUMBIA R AT GRAND		4700.00	1362.69
USGS12471200	LIND COULEE TRIBUTA		21.00	-

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

COULEE DAM NATIONAL RECREATION AREA
Colville River at Kettle Falls, WA
12409000, 65 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 Coulee Dam National Recreation Area are: Aug. 15 to Jan. 31, Feb. 1 to Apr. 14, and Apr. 15 to Aug 14.

CONTACTS FOR AGENCY CODES RETRIEVED FOR CODA

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)
21540000	JAMES, BOB	WASHINGTON DEPT ECOLOGY	(206)753-2812
112WRD	YORKE, TOM	US GEOLOGICAL SURVEY	(703)648-5687
1119C050	HILEMAN, JIM	USEPA REGION 10	(206)553-1640
NITROGEN	PETERSON, RAY	USEPA REGION 10	(206)553-1682
10EPACOP	PETERSON, RAY	USEPA REGION 10	(206)553-1682
21WSU	PETERSON, RAY	USEPA REGION 10	(206)553-1682
10EPASPI	PETERSON, RAY	USEPA REGION 10	(206)553-1682
1119USBR	ZIMMER, DAVE	US BUR OF RECLAMATION	(208)334-1905
11EPALES	LAMBOU, VICTOR W.	USEPA	(702)798-2259
11FWS	HOELMAN, LOUIS	USEPA HQ	(202)260-7050
10EPADWS	PETERSON, RAY	USEPA REGION 10	(206)553-1682
113FORS6	APPLE, RICH	USFS - REGION 6	(503)326-3773

QUANTITY OF DATA RETRIEVED FOR CODA 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
21540000	WASHINGTON DEPT ECOLOGY	01/01/01-09/10/92	01/01/01-09/10/92	15	12	4	2	0	0	20410	11814	121	109
112WRD	US GEOLOGICAL SURVEY	05/20/05-10/16/92	07/27/60-10/16/92	83	50	5	2	1	0	15974	6645	217	162
1119C050	USEPA REGION 10	01/01/01-09/09/77	11/09/71-09/09/77	4	1	1	1	0	0	1162	313	80	47
NITROGEN	USEPA REGION 10	01/01/01-10/31/72	01/01/01-08/17/72	39	22	0	0	5	1	893	616	16	16
10EPACOP	USEPA REGION 10	10/03/79-09/26/86	10/15/80-09/26/86	35	14	0	0	0	0	2023	842	93	77
21WSU	USEPA REGION 10	06/06/77-06/06/77	06/06/77-06/06/77	1	1	0	0	0	0	88	88	11	11
10EPASPI	USEPA REGION 10	04/26/80-04/26/80	04/26/80-04/26/80	3	1	0	0	0	0	51	17	17	17
1119USBR	US BUR OF RECLAMATION	05/09/77-12/17/86	05/09/77-12/17/86	6	6	6	6	0	0	4700	4700	35	35
11EPALES	USEPA	04/03/75-09/10/75	No Data in Park	1	0	0	0	0	0	206	0	16	0
11FWS	USEPA HQ	10/01/70-10/01/86	No Data in Park	1	0	1	0	0	0	753	0	39	0
10EPADWS	USEPA REGION 10	02/27/80-02/27/80	No Data in Park	3	0	0	0	0	0	12	0	4	0
113FORS6	USFS - REGION 6	03/15/72-11/08/77	No Data in Park	6	0	0	0	2	0	132	0	18	0
Totals		01/01/01-10/16/92	01/01/01-10/16/92	197	107	17	11	8	1	46404	25035	389	291

[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 01/01/01 To 10/16/92

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75
CODA0001	SPOKANE RIVER MILE 20.8	Yes	175	0	0	175
CODA0002	HAWK CREEK NEAR CRESTON RB	Yes	24	24	0	0
CODA0003	SPOKANE RIVER MILE 29.0	No	176	0	0	176
CODA0004	LITTLE FALLS POWER HOUSE	No	0	0	0	0
CODA0005	LITTLE FALLS SPILLWAY	No	0	0	0	0
CODA0006	SPOKANE RIVER MILE 17.1	Yes	188	0	0	188
CODA0007	LAKE ROOSEVELT NEAR SEVEN BAYS LB	Yes	41	41	0	0
CODA0008	SPOKANE R BL LONG LAKE DAM	No	709	0	16	693
CODA0009	COLUMBIA AT SPOKANE RIVER LEFT	No	13	0	0	13
CODA0010	COLUMBIA AT SPOKANE RIVER RIGHT	No	21	0	0	21
CODA0011	LAKE ROOSEVELT NEAR SEVEN BAYS MS	Yes	78	78	0	0
CODA0012	LAKE ROOSEVELT NEAR SEVEN BAYS RB	Yes	24	24	0	0
CODA0013	LAKE ROOSEVELT AT SEVEN BAYS R.M. 635.4	Yes	192	192	0	0
CODA0014	COULEE DAM FB BELOW SPOKANE R.	Yes	7	0	0	7
CODA0015	COULEE DAM FB BELOW SPOKANE R.	Yes	7	0	0	7
CODA0016	COLUMBIA R 2 MI BL SPOKANE R	Yes	189	0	0	189
CODA0017	SPOKANE RIVER MILE 12.8	Yes	200	0	0	200
CODA0018	BLUE CREEK AT MOUTH	Yes	2	2	0	0
CODA0019	MOUTH OF SPOKANE RIVER	Yes	0	0	0	0
CODA0020	SPOKANE R APPR 1 MILE ABOVE COLUMBIA R CONF	Yes	88	0	88	0
CODA0021[1]	BLUE CR NR MOUTH NR WELLPINIT, WA	No	963	453	500	10
CODA0022	UNNAMED TRIB. TO BLUE CREEK IN SEC. 27H	No	2	2	0	0
CODA0023	BLUE CREEK AT MOUTH	No	33	33	0	0
CODA0024	COULEE DAM FB ABOVE SPOKANE R.	Yes	7	0	0	7
CODA0025	COULEE DAM FB ABOVE SPOKANE R.	Yes	7	0	0	7
CODA0026	NORTH CENTER BANKS LAKE	No	10	0	0	10
CODA0027	OYACHEN CREEK AT MOUTH	No	2	2	0	0
CODA0028	BLUE CREEK ABOVE OYACHEN CREEK	No	0	0	0	0
CODA0029	LAKE ROOSEVELT NEAR FORT SPOKANE RB	Yes	23	23	0	0
CODA0030	SPOKANE RIVER AT MOUTH	Yes	374	374	0	0
CODA0031	LAKE ROOSEVELT NEAR KELLER FERRY RB	Yes	22	22	0	0
CODA0032	BLUE CR BTW MIDNITE MINE & OYACHEN CR NR WELLPIN	No	28	28	0	0
CODA0033	SPOKANE RIVER MILE 10.3	Yes	201	0	0	201
CODA0034	SPOKANE RIVER MILE 2.0	Yes	198	0	0	198
CODA0035	LAKE ROOSEVELT AT SPOKANE RIVER ARM R.M. 638.9	No	17	17	0	0
CODA0036	BLUE CREEK AT UPPER GEOLOGIC DIV. SITE	No	3	3	0	0
CODA0037	LAKE ROOSEVELT NEAR WHITESTONE CREEK MS	Yes	40	40	0	0
CODA0038	NORTH END BANKS LAKE	Yes	10	0	0	10
CODA0039	CITY OF GRAND COULEE - DOMESTIC SUPPLY -EAST END	No	17	0	17	0
CODA0040	CITY OF COULEE DAM - DOMESTIC SUPPLY - WEST END	No	17	0	17	0
CODA0041[1]	FDR LAKE BELOW WATER PLANTINLET	Yes	838	0	838	0
CODA0042	COLUMBIA R 2 MI AB SPOKANE R	Yes	189	0	0	189
CODA0043	THREEMILE CREEK NEAR MILES, WASH.	No	102	0	0	102
CODA0044	SPOKANE RIVER BELOW ORAZADA CREEK LB	Yes	84	84	0	0
CODA0045	SPOKANE RIVER MILE 5.7	Yes	196	0	0	196
CODA0046	BANKS LAKE	No	206	0	206	0
CODA0047[1]	COLUMBIA RIVER AT GRAND COULEE	No	753	105	368	280
CODA0048	SPOKANE RIVER BELOW ORAZADA CREEK MS	Yes	33	33	0	0
CODA0049	LAKE ROOSEVELT AT SWAWILLA BASIN R.M. 604.9	Yes	17	17	0	0
CODA0050	SPOKANE RIVER BELOW ORAZADA CREEK RB	Yes	24	24	0	0
CODA0051[1]	FDR LK, GRAND COULEE CITY INTAKE	Yes	665	120	545	0
CODA0052[1]	FDR LAKE LOG BOOM SITE	Yes	1196	119	1077	0
CODA0053[1]	CRESCENT BAY LAKE UPPER SITE	Yes	895	0	895	0
CODA0054[1]	CRESCENT BAY LAKE DISCHARGE	Yes	604	0	604	0
CODA0055	LAKE ROOSEVELT AT SWAWILLA BASIN LB	Yes	24	24	0	0
CODA0056	LAKE ROOSEVELT NEAR GRAND COULEE DAM RB	Yes	30	30	0	0
CODA0057	LAKE ROOSEVELT AT SWAWILLA BASIN MS	Yes	88	88	0	0
CODA0058	SPOKANE RIVER 2 MI ABOVE MOUTH	No	7	0	0	7
CODA0059	GRAND COULEE DAM FB 2 MI UP	Yes	7	0	0	7
CODA0060	GRAND COULEE DAM GB 2 MI UPSTRM	Yes	7	0	0	7
CODA0061	COLUMBIA AT PINE TREE POINT	Yes	83	0	0	83
CODA0062	COLUMBIA AT PINE TREE POINT	Yes	68	0	0	68
CODA0063	COLUMBIA AT PINE TREE POINT	Yes	79	0	0	79
CODA0064	COLUMBIA RIVER BLW GRAND COULEE DAM R.M. 596.3	Yes	71	71	0	0
CODA0065	GRAND COULEE POWERHOUSE LEFT	Yes	44	0	0	44
CODA0066	GRAND COULEE POWERHOUSE RIGHT	Yes	54	0	0	54
CODA0067[1]	FDR LAKE AT COULEE DAM CITY MUNICIPLE INTAKE	Yes	502	0	502	0
CODA0068	LAKE ROOSEVELT AT SWAWILLA BASIN RB	Yes	23	23	0	0
CODA0069[1]	COLUMBIA R BL GRAND COULEE DAM	Yes	313	0	228	85
CODA0070[1]	COLUMBIA RIVER AT GRAND COULEE, WASH.	Yes	2081	0	1272	809
CODA0071[1]	COLUMBIA R AT GRAND COULEE DAM	Yes	5662	1079	2074	2509

Station Period of Record Tabulation
From 01/01/01 To 10/16/92

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75
CODA0072	COLUMBIA AT CASTLE ROCK CREEK	Yes	40	0	0	40
CODA0073	COLUMBIA AT CASTLE ROCK CREEK	Yes	50	0	0	50
CODA0074	COLUMBIA AT CASTLE ROCK CREEK	Yes	66	0	0	66
CODA0075	GRAND COULEE BLW SPILLWAY MID-RIVER	Yes	17	0	17	0
CODA0076	SIXMILE CREEK NEAR MILES, WASH.	No	169	0	0	169
CODA0077	LAKE ROOSEVELT AT CASTLE ROCK R.M. 644.8	Yes	17	17	0	0
CODA0078	MANILA CREEK AT MOUTH	Yes	90	0	90	0
CODA0079	MANILA CREEK NR. KELLER	No	163	0	0	163
CODA0080	DICK CREEK NR. KELLER	No	97	0	0	97
CODA0081	PETER DAN CREEK AT ELMER CITY	No	168	0	0	168
CODA0082	MANILA CREEK AT TOLMAN ARM	No	28	0	28	0
CODA0083	GRAND COULEE DM TR 5 MI DOWN	No	7	0	0	7
CODA0084	LITTLE NINEMILE CREEK NEAR FRUITLAND, WASH.	Yes	165	0	0	165
CODA0085	LAKE ROOSEVELT NEAR NINEMILE CREEK RB	Yes	24	24	0	0
CODA0086	LAKE ROOSEVELT NEAR NINEMILE CREEK LB	Yes	30	30	0	0
CODA0087	LAKE ROOSEVELT NEAR NINEMILE CREEK MS	Yes	33	33	0	0
CODA0088	JOHN TOM CREEK NR. KELLER	No	168	0	0	168
CODA0089	GRAND COULEE DAM TR 6 MI DOWN	No	114	0	0	114
CODA0090	SANPOIL RIVER NEAR KELLER LB	Yes	23	23	0	0
CODA0091	SANPOIL RIVER NEAR KELLER MS	Yes	92	92	0	0
CODA0092	SANPOIL RIVER NEAR KELLER RB	Yes	25	25	0	0
CODA0093	SANPOIL RIVER NEAR MOUTH	Yes	81	81	0	0
CODA0094	NINEMILE CREEK NEAR FRUITLAND, WASH.	No	167	0	0	167
CODA0095	SILVER CREEK NR. KELLER	No	169	0	0	169
CODA0096	MEADOW CREEK NR. KELLER	No	167	0	0	167
CODA0097	MEADOW CREEK - LOWER	No	94	0	94	0
CODA0098	SANPOIL RIVER NEAR MOUTH	No	41	0	41	0
CODA0099	COPPER CREEK NR. KELLER	No	169	0	0	169
CODA0100	WILMONT CREEK AT ROAD	No	32	0	32	0
CODA0101	WILMONT CREEK NEAR HUNTERS, WASH.	No	167	0	0	167
CODA0102	JACK CREEK - LOWER	No	94	0	94	0
CODA0103	JACK CREEK AT KELLER, WASH.	No	170	0	0	170
CODA0104	SANPOIL RIVER 4 MI UPSTREAM	No	24	0	0	24
CODA0105[1]	SANPOIL RIVER AT KELLER	No	3919	1206	1589	1124
CODA0106[1]	SANPOIL R ABV JACK CR AT KELLER, WASH	No	2246	0	735	1511
CODA0107	UPPER JACK CREEK	No	92	0	92	0
CODA0108	BRUSH CREEK NR. KELLER	No	168	0	0	168
CODA0109	SANPOIL RIVER NEAR KELLER, WASH.	No	56	0	0	56
CODA0110	SANPOIL RIVER NEAR MOUTH	No	93	0	93	0
CODA0111	HUNTERS CREEK AT HUNTERS	No	36	36	0	0
CODA0112	LAKE ROOSEVELT AT HUNTERS R.M. 661.0	Yes	17	17	0	0
CODA0113	LAKE ROOSEVELT NEAR HUNTERS LB	Yes	25	25	0	0
CODA0114	FALLS CREEK NEAR KEWA, WASH.	No	168	0	0	168
CODA0115	NEZ PERCE CREEK AT ROAD	No	32	0	32	0
CODA0116	NEZ PERCE CREEK NEAR KEWA, WASH.	No	169	0	0	169
CODA0117	STRANGER CREEK AT GAUGE STATION NEAR MOUTH	No	93	0	93	0
CODA0118	STRANGER CREEK AT INCHELIUM	No	162	0	0	162
CODA0119	INCHELIUM,WA/BIA YELLOW HOUSE	No	4	0	4	0
CODA0120	INCHELIUM,WA CHRIS HARPER-MIDDLE TRAILER	No	4	0	4	0
CODA0121	INCHELIUM,WA END TRAILER	No	4	0	4	0
CODA0122	HALL CREEK NEAR INCHELIUM MS	No	23	23	0	0
CODA0123	HALL CREEK AT ROAD NEAR MOUTH	No	19	0	19	0
CODA0124	HALL CREEK NEAR INCHELIUM LB	Yes	24	24	0	0
CODA0125	LAKE ROOSEVELT AT GIFFORD R.M. 676.4	Yes	62	62	0	0
CODA0126	LAKE ROOSEVELT NEAR GIFFORD,MOUTH LITTLE JIM CR	Yes	99	99	0	0
CODA0127	HALL CREEK AT INCHELIUM, WASH.	No	186	0	0	186
CODA0128	HALL CREEK AT MOUTH	No	36	36	0	0
CODA0129	LAKE ROOSEVELT NEAR GIFFORD LB	Yes	24	24	0	0
CODA0130	LAKE ROOSEVELT NEAR GIFFORD MS	Yes	32	32	0	0
CODA0131	LAKE ROOSEVELT NEAR GIFFORD RB	Yes	25	25	0	0
CODA0132	HALL CREEK - ABOVE DAM	No	94	0	94	0
CODA0133	LITTLE JIM CREEK NEAR DAISY, WASH.	No	159	0	0	159
CODA0134	LAKE ROOSEVELT NEAR CHEWEKA CREEK LB	Yes	24	24	0	0
CODA0135	LAFLEUR LAKE	No	19	0	19	0
CODA0136	BARNABY CREEK NEAR RICE, WASH.	No	165	0	0	165
CODA0137	BARNABY CREEK	No	53	0	42	11
CODA0138	BARNABY CREEK	No	53	0	42	11
CODA0139	LAKE ROOSEVELT AT FRENCH POINT ROCKS LB	No	30	30	0	0
CODA0140	LAKE ROOSEVELT AT FRENCH POINT ROCKS MS	Yes	91	91	0	0
CODA0141	LAKE ELLEN	No	13	0	0	13
CODA0142	LAKE ELLEN	No	13	0	0	13

Station Period of Record Tabulation
From 01/01/01 To 10/16/92

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75
CODA0143	LAKE ROOSEVELT AT FRENCH POINT ROCKS RB	Yes	23	23	0	0
CODA0144	LAKE ROOSEVELT AT FRENCHMAN POINT R.M. 692.2	Yes	17	17	0	0
CODA0145	LAKE ROOSEVELT NEAR HAAG COVE RB	Yes	33	33	0	0
CODA0146	LAKE ROOSEVELT NEAR HAAG COVE MS	Yes	30	30	0	0
CODA0147	COLUMBIA AT COLVILLE RIVER	No	27	0	0	27
CODA0148	COLVILLE RIVER AT MOUTH,HWY 25 BRIDGE	Yes	35	35	0	0
CODA0149	COLVILLE RIVER BELOW HY 25 BRIDGE MS	Yes	87	87	0	0
CODA0150	COLVILLE RIVER BELOW HY 25 BRIDGE RB	Yes	24	24	0	0
CODA0151	COLVILLE RIVER BELOW HY 25 BRIDGE LB	Yes	23	23	0	0
CODA0152	SHERMAN CREEK NEAR KETTLE FALLS MS	Yes	23	23	0	0
CODA0153	COLVILLE RIVER AT MILE 5	No	18	18	0	0
CODA0154[1]	COLVILLE RIVER AT KETTLE FALLS, WASH.	No	2826	0	637	2189
CODA0155[1]	COLVILLE RIVER AT KETTLE FALLS	No	4501	873	1473	2155
CODA0156	MEYER FALLS FOREBAY	No	0	0	0	0
CODA0157	MEYER FALLS BLW POWERHOUSE	No	0	0	0	0
CODA0158	LAKE ROOSEVELT NEAR WEST KETTLE FALLS LB	Yes	88	88	0	0
CODA0159	COLUMBIA 100 MI UP FM COULEE DAM	Yes	7	0	0	7
CODA0160	COLUMBIA 100 MI UP FM COULEE DAM	Yes	7	0	0	7
CODA0161	COLUMBIA 100 MI UP FM COULEE DAM	Yes	7	0	0	7
CODA0162	COLUMBIA AT KETTLE FALLS CENTER	Yes	1	0	0	1
CODA0163	COLUMBIA AT KETTLE FALLS LEFT	Yes	29	0	0	29
CODA0164	COLUMBIA AT KETTLE FALLS RIGHT	Yes	29	0	0	29
CODA0165	LAKE ROOSEVELT NEAR MARCUS ISLAND LB	Yes	24	24	0	0
CODA0166	COLVILLE R AT KETTLE FALLS	No	71	0	0	71
CODA0167	NANCY CREEK	No	0	0	0	0
CODA0168	NANCY CREEK	No	0	0	0	0
CODA0169	LAKE ROOSEVELT NEAR MARCUS ISLAND MS	Yes	78	78	0	0
CODA0170	LAKE ROOSEVELT NEAR MARCUS ISLAND RB	Yes	24	24	0	0
CODA0171	LAKE ROOSEVELT AT MARCUS ISLAND R.M. 708.9	Yes	92	92	0	0
CODA0172	KETTLE RIVER AT HEDLUND BRIDGE	Yes	41	0	0	41
CODA0173	KETTLE RIVER AT HEDLUND BRIDGE	Yes	35	35	0	0
CODA0174	LAKE ROOSEVELT NEAR SUMMER ISLAND RB2	Yes	24	24	0	0
CODA0175	LAKE ROOSEVELT NEAR SUMMER ISLAND RB1	Yes	34	34	0	0
CODA0176	KETTLE RIVER BELOW NAPOLEON BRIDGE RB2	Yes	24	24	0	0
CODA0177	KETTLE RIVER BELOW NAPOLEON BRIDGE RB1	Yes	88	88	0	0
CODA0178	KETTLE RIVER BELOW NAPOLEON BRIDGE LB	Yes	24	24	0	0
CODA0179	KETTLE R NR BARSTOW,WASH	No	69	0	0	69
CODA0180	COL. R. AT NORTHPORT	No	6	0	0	6
CODA0181	LAKE ROOSEVELT NEAR BOSSBORG RB	Yes	40	40	0	0
CODA0182	KETTLE RIVER ABOVE BARSTOW BR	No	7	0	0	7
CODA0183	KETTLE RIVER 10 MI UPSTREAM	No	27	0	0	27
CODA0184[1]	KETTLE RIVER NR BARSTOW, WASH.	Yes	2607	0	670	1937
CODA0185[1]	KETTLE RIVER NEAR BARSTOW	Yes	4201	889	1734	1578
CODA0186	KETTLE RIVER 1.3 MILES ABV BARSTOW	No	18	18	0	0
CODA0187	LAKE ROOSEVELT AT CHINA BEND R.M. 723.8	No	17	17	0	0
CODA0188	LAKE ROOSEVELT AT CHINA BEND MS	Yes	28	28	0	0
CODA0189	LAKE ROOSEVELT AT CHINA BEND RB	Yes	41	41	0	0
CODA0190	COLUMBIA AT NORTHPORT	No	7	0	0	7
CODA0191	COLUMBIA AT NORTHPORT	No	7	0	0	7
CODA0192	LAKE ROOSEVELT AT LITTLE DALLES R.M. 728.1	Yes	17	17	0	0
CODA0193	ONION CREEK AT MOUTH	No	36	36	0	0
CODA0194	COLUMBIA RIVER NEAR ONION CREEK LB	No	40	40	0	0
CODA0195	COLUMBIA R NEAR ONION CREEK RB	No	24	24	0	0
CODA0196	COLUMBIA R NEAR FIVEMILE CREEK LB	No	33	33	0	0
CODA0197	LAKE ROOSELVELT AT NORTHPORT R.M. 733.0	No	239	239	0	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 01/01/01 To 10/16/92

Parameter Code	Name	Total Obs	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	652	144	375	133	105	80
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	692	360	304	28	36	18
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	15	15	0	0	15	13
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	2271	310	958	1003	115	50
00019	SAMPLE WEIGHT IN GRAMS	29	29	0	0	3	2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	41	7	34	0	13	1
00023	SAMPLE WEIGHT IN POUNDS	34	0	12	22	1	0
00024	SAMPLE LENGTH IN INCHES	34	0	12	22	1	0
00025	BAROMETRIC PRESSURE (MM OF HG)	591	283	269	39	22	14
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	136	65	69	2	61	49
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	141	65	74	2	61	49
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)	3	0	0	3	1	1
00035	WIND VELOCITY (MILES PER HOUR)	3	0	0	3	1	1
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	3	0	0	3	1	1
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	39	0	0	39	39	24
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)	39	0	0	39	28	18
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)	39	0	0	39	28	18
00049	SURFACE AREA IN SQUARE MILES	20	0	0	20	1	0
00060	FLOW, STREAM, MEAN DAILY CFS	1146	252	365	529	29	16
00061	FLOW, STREAM, INSTANTANEOUS CFS	682	9	248	425	48	12
00065	STAGE, STREAM (FEET)	3	0	3	0	2	0
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	338	30	308	0	6	6
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')	3	0	0	3	1	1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1205	49	562	594	44	15
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	10	0	10	0	1	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	374	0	374	0	20	9
00077	TRANSPARENCY, SECCHI DISC (INCHES)	122	0	3	119	9	8
00078	TRANSPARENCY, SECCHI DISC (METERS)	91	0	91	0	6	6
00080	COLOR (PLATINUM-COBALT UNITS)	1115	51	597	467	8	4
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	4	0	0	4	4	0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	94	30	60	4	30	9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1895	285	636	974	47	16
00105	RIVER MILE, UPSTREAM END OF REACH	2	0	0	2	2	1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	24	0	24	0	10	1
00300	OXYGEN, DISSOLVED MG/L	1806	294	818	694	71	45
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	824	276	310	238	50	34
00310	BOD, 5 DAY, 20 DEG C MG/L	7	0	0	7	4	2
00335	COD, .025N K2CR2O7 MG/L	309	0	309	0	6	6
00340	COD, .25N K2CR2O7 MG/L	134	56	78	0	3	2
00400	PH (STANDARD UNITS)	1529	313	568	648	49	26
00403	PH, LAB, STANDARD UNITS SU	92	38	50	4	22	4
00405	CARBON DIOXIDE (MG/L AS CO2)	112	0	27	85	8	2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	412	1	82	329	49	10
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	24	0	24	0	10	1
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	24	0	24	0	10	1
00440	BICARBONATE ION (MG/L AS HCO3)	676	0	62	614	33	6
00445	CARBONATE ION (MG/L AS CO3)	282	0	12	270	31	6
00500	RESIDUE, TOTAL (MG/L)	11	0	9	2	2	1
00505	RESIDUE, TOTAL VOLATILE (MG/L)	2	0	0	2	1	0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	4	0	4	0	1	1
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	4	0	4	0	1	0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	762	301	461	0	27	17
00600	NITROGEN, TOTAL (MG/L AS N)	24	0	24	0	2	1
00602	NITROGEN, DISSOLVED (MG/L AS N)	3	2	0	1	1	0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	124	0	32	92	26	3
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	2	1	0	1	1	0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	13	6	6	1	1	0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	1571	287	979	305	63	22
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	255	146	6	103	22	6
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	778	105	538	135	39	11
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	103	0	0	103	16	3
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	1108	89	548	471	48	19
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	14	7	6	1	1	0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	462	30	133	299	60	19
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	294	0	294	0	6	6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	606	168	432	6	11	6
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	59	37	21	1	6	4
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	77	0	7	70	5	2
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	403	0	213	190	31	4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	1599	282	974	343	63	22
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	102	0	0	102	9	8

Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Parameter Code	Name	Total Obs	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	1533	292	939	302	50	21
00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	14	7	6	1	1	0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	71	0	7	64	4	1
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	66	0	0	66	4	1
00690	CARBON, TOTAL (MG/L AS C)	68	0	0	68	4	1
00745	SULFIDE, TOTAL (MG/L AS S)	24	0	24	0	10	1
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	3	0	0	3	1	1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	716	41	58	617	49	13
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	668	0	58	610	30	5
00915	CALCIUM, DISSOLVED (MG/L AS CA)	689	8	69	612	32	6
00916	CALCIUM, TOTAL (MG/L AS CA)	27	0	27	0	13	1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	689	8	69	612	32	6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	27	0	27	0	13	1
00929	SODIUM, TOTAL (MG/L AS NA)	27	0	27	0	13	1
00930	SODIUM, DISSOLVED (MG/L AS NA)	671	8	69	594	32	6
00931	SODIUM ADSORPTION RATIO	333	0	31	302	30	5
00932	SODIUM, PERCENT	333	0	31	302	30	5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	635	8	69	558	32	6
00937	POTASSIUM, TOTAL MG/L AS K)	27	0	27	0	13	1
00940	CHLORIDE,TOTAL IN WATER MG/L	719	8	99	612	46	8
00945	SULFATE, TOTAL (MG/L AS SO4)	712	8	96	608	45	7
00946	SULFATE, DISSOLVED (MG/L AS SO4)	5	0	5	0	1	1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	345	8	10	327	9	3
00951	FLUORIDE, TOTAL (MG/L AS F)	1	0	1	0	1	0
00955	SILICA, DISSOLVED (MG/L AS SI02)	689	7	298	384	14	9
00956	SILICA, TOTAL (MG/L AS SI02)	3	0	3	0	3	0
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	29	29	0	0	14	7
01000	ARSENIC, DISSOLVED (UG/L AS AS)	105	36	9	60	20	8
01001	ARSENIC, SUSPENDED (UG/L AS AS)	3	3	0	0	1	0
01002	ARSENIC, TOTAL (UG/L AS AS)	61	8	31	22	18	4
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	32	31	1	0	26	21
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	47	33	14	0	6	4
01005	BARIUM, DISSOLVED (UG/L AS BA)	13	7	6	0	1	0
01007	BARIUM, TOTAL (UG/L AS BA)	20	0	20	0	13	2
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	13	7	6	0	1	0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	3	0	3	0	3	1
01020	BORON, DISSOLVED (UG/L AS B)	119	0	2	117	8	4
01022	BORON, TOTAL (UG/L AS B)	1	0	1	0	1	0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	82	38	24	20	18	8
01027	CADMIUM, TOTAL (UG/L AS CD)	70	8	38	24	18	4
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	33	31	2	0	26	21
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	1	0	1	0	1	1
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	296	7	74	215	30	5
01031	CHROMIUM, SUSPEND (UG/L AS CR)	3	3	0	0	1	0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10	0	0	10	2	0
01034	CHROMIUM, TOTAL (UG/L AS CR)	103	7	31	65	24	7
01035	COBALT, DISSOLVED (UG/L AS CO)	2	0	2	0	1	0
01037	COBALT, TOTAL (UG/L AS CO)	1	0	1	0	1	0
01040	COPPER, DISSOLVED (UG/L AS CU)	368	37	72	259	44	12
01041	COPPER, SUSPENDED (UG/L AS CU)	3	3	0	0	1	0
01042	COPPER, TOTAL (UG/L AS CU)	64	11	31	22	19	5
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	32	31	1	0	26	21
01044	IRON, SUSPENDED (UG/L AS FE)	2	2	0	0	1	0
01045	IRON, TOTAL (UG/L AS FE)	282	7	26	249	22	5
01046	IRON, DISSOLVED (UG/L AS FE)	35	8	8	19	3	0
01049	LEAD, DISSOLVED (UG/L AS PB)	315	37	72	206	44	12
01050	LEAD, SUSPENDED (UG/L AS PB)	3	3	0	0	1	0
01051	LEAD, TOTAL (UG/L AS PB)	63	8	31	24	17	4
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	31	30	1	0	25	20
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	20	20	0	0	14	11
01054	MANGANESE, SUSPENDED (UG/L AS MN)	3	3	0	0	1	0
01055	MANGANESE, TOTAL (UG/L AS MN)	62	7	34	21	16	2
01056	MANGANESE, DISSOLVED (UG/L AS MN)	35	8	8	19	3	0
01059	THALLIUM, TOTAL (UG/L AS TL)	3	0	3	0	3	1
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	17	0	17	0	10	1
01065	NICKEL, DISSOLVED (UG/L AS NI)	32	8	24	0	3	1
01066	NICKEL, SUSPENDED (UG/L AS NI)	3	3	0	0	1	0
01067	NICKEL, TOTAL (UG/L AS NI)	17	7	10	0	5	1
01075	SILVER, DISSOLVED (UG/L AS AG)	13	7	6	0	1	0
01077	SILVER, TOTAL (UG/L AS AG)	17	7	10	0	5	1
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	40	8	8	24	6	1

Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Parameter Code	Name	Total Obs	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01082	STRONTIUM, TOTAL (UG/L AS SR)	30	0	9	21	10	1
01087	VANADIUM, TOTAL (UG/L AS V)	1	0	1	0	1	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	362	37	73	252	44	12
01091	ZINC, SUSPENDED (UG/L ZN)	3	3	0	0	1	0
01092	ZINC, TOTAL (UG/L AS ZN)	77	15	39	23	19	5
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	32	31	1	0	26	21
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	37	37	0	0	15	8
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	13	7	6	0	1	0
01097	ANTIMONY, TOTAL (UG/L AS SB)	8	0	6	2	5	2
01105	ALUMINUM, TOTAL (UG/L AS AL)	14	7	7	0	2	0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	14	8	6	0	2	0
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	37	37	0	0	15	8
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	37	37	0	0	15	8
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	7	7	0	0	1	1
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	37	37	0	0	15	8
01130	LITHIUM, DISSOLVED (UG/L AS LI)	6	0	0	6	3	1
01132	LITHIUM, TOTAL (UG/L AS LI)	1	0	1	0	1	0
01142	SILICON, TOTAL (UG/L AS SI)	2	0	2	0	1	1
01143	SILICON, IN SILICATE (UG/L SIO3 AS SI)	1	0	1	0	1	1
01145	SELENIUM, DISSOLVED (UG/L AS SE)	34	7	9	18	2	0
01147	SELENIUM, TOTAL (UG/L AS SE)	38	7	9	22	5	1
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	12	3	9	0	1	0
01154	TUNGSTEN, TOTAL (UG/L AS W)	1	0	1	0	1	0
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	20	20	0	0	14	11
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	20	20	0	0	14	11
01360	SAMPLE LENGTH CM	30	30	0	0	4	3
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	13	7	6	0	1	0
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	51	51	0	0	51	46
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	51	51	0	0	51	46
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	51	51	0	0	51	46
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	51	51	0	0	51	46
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	51	51	0	0	51	46
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	51	51	0	0	51	46
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	51	51	0	0	51	46
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	51	51	0	0	51	46
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	51	51	0	0	51	46
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	51	51	0	0	51	46
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	51	51	0	0	51	46
04135	IRON, BED MAT,DRY WT,SEDIMENT,	51	51	0	0	51	46
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	51	51	0	0	51	46
09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	18	8	10	0	2	0
22703	URANIUM, NATURAL, DISSOLVED	17	7	10	0	2	0
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	50	50	0	0	50	45
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	51	51	0	0	51	46
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	51	51	0	0	51	46
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	38	38	0	0	38	33
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	178	0	68	110	30	6
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	8	0	8	0	2	0
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	283	0	59	224	13	10
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	103	0	0	103	3	1
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	156	0	0	156	4	1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	969	272	563	134	38	13
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	34	0	34	0	2	0
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	1	0	1	0	1	1
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	5	0	5	0	1	1
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	3	0	3	0	1	0
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	3	0	3	0	2	1
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	2	0	2	0	2	1
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34208	ACENAPHTHENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34223	ANTHRACENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	9	9	0	0	9	9
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	9	9	0	0	9	9
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	9	9	0	0	9	9
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	9	9	0	0	9	9
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	9	9	0	0	9	9
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	9	9	0	0	9	9
34323	CHRYSENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	9	9	0	0	9	9
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	9	9	0	0	9	9

Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Parameter Code	Name	Total Obs	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34379	FLUORANTHENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34384	FLUORENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	9	9	0	0	9	9
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34411	ISOPHORONE DRY WGTBOTUG/KG	9	9	0	0	9	9
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	9	9	0	0	9	9
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	9	9	0	0	9	9
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	9	9	0	0	9	9
34445	NAPHTHALENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34450	NITROBENZENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	9	9	0	0	9	9
34464	PHENANTHRENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34472	PYRENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34475	TETRACHLOROETHYLENE TOTWUG/L	3	0	3	0	3	0
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	3	0	3	0	3	0
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	9	9	0	0	9	9
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	9	9	0	0	9	9
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	9	9	0	0	9	9
34594	2-NITROPHENOL DRY WGTBOTUG/KG	9	9	0	0	9	9
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	9	9	0	0	9	9
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	9	9	0	0	9	9
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	9	9	0	0	9	9
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	9	9	0	0	9	9
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	9	9	0	0	9	9
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	9	9	0	0	9	9
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	9	9	0	0	9	9
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	9	9	0	0	9	9
34649	4-NITROPHENOL DRY WGTBOTUG/KG	9	9	0	0	9	9
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	9	9	0	0	9	9
34670	PCB - 1260 WET WGTTISMG/KG	2	0	2	0	1	1
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	5	3	2	0	2	1
34684	DIELDRIN TISMG/KG	37	3	12	22	1	0
34685	ENDRIN WET WGTTISMG/KG	39	3	14	22	2	1
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	3	3	0	0	1	0
34687	HEPTACHLOR WET WGTTISMG/KG	37	3	12	22	1	0
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	15	3	12	0	1	0
34690	PCB - 1254 WET WGTTISMG/KG	2	0	2	0	1	1
34691	TOXAPHENE WET WGTTISMG/KG	33	3	12	18	1	0
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	9	9	0	0	9	9
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	2	0	2	0	1	1
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	9	9	0	0	9	9
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	15	3	12	0	1	0
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	15	3	12	0	1	0
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	17	3	14	0	2	1
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	17	3	14	0	2	1
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	21	3	14	4	2	1
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	9	9	0	0	9	9
39105	PERCENT FAT HEXANE EXTRACTION	37	3	12	22	1	0
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	9	9	0	0	9	9
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	3	0	3	0	3	0
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	37	3	12	22	1	0
39302	P P DDT IN TISSUE WET WGT (UG/G)	2	0	2	0	1	1
39307	O P DDT IN TISSUE WET WGT (UG/G)	2	0	2	0	1	1
39312	P P DDD IN TISSUE WET WGT (UG/G)	2	0	2	0	1	1
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	2	0	2	0	1	1
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1	0
39336	BHC-ALPHA, WATER, WHOLE LBS/DAY	4	0	0	4	1	0
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	4	0	0	4	1	0
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	7	0	0	7	1	0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	7	0	0	7	1	0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1	0
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1	0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1	0

Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Parameter Code	Name	Total Obs	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	2	0	2	0	1	1
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1	0
39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	2	0	2	0	1	1
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1	0
39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	2	0	2	0	1	1
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1	0
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	2	0	2	0	1	1
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1	0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1	0
39482	METHOXYCHLOR IN FISH - UG/KG	2	0	2	0	1	1
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	3	0	0	3	1	0
39525	PCBS TOTAL,FISH TISSUE WET (ISOMER ANALYSES) MG/KG	2	0	2	0	1	1
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	9	9	0	0	9	9
39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	2	0	2	0	1	1
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	9	9	0	0	9	9
39781	LINDANE AQUATIC ORGANISMS WT WGT BASIS(UG/G)	3	3	0	0	1	0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1	0
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	14	0	14	0	2	1
45554	O,P'-DDD IN TISSUE WET WEIGHT UG/KG	2	0	2	0	1	1
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	526	8	42	476	24	6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	47	0	7	40	10	2
70302	SOLIDS, DISSOLVED-TONS PER DAY	47	0	0	47	5	3
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	122	0	4	118	7	3
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	21	18	3	0	15	12
70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	12	3	9	0	1	0
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	2	0	2	0	2	1
70324	SOLIDS, VOLATILE SUSPENDED IN MIXED LIQUOR (MG/L)	2	0	2	0	2	0
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	50	50	0	0	50	45
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	146	0	27	119	23	9
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	48	0	48	0	4	2
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	2	1	0	1	1	0
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	1	0	0	1	1	1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	162	0	0	162	16	3
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	21	0	0	21	14	3
71875	HYDROGEN SULFIDE (MG/L)	158	0	158	0	6	6
71885	IRON (UG/L AS FE)	16	0	2	14	7	1
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	48	0	48	0	4	2
71887	NITROGEN, TOTAL, AS NO3 - MG/L	23	0	23	0	1	1
71890	MERCURY, DISSOLVED (UG/L AS HG)	15	6	6	3	2	0
71900	MERCURY, TOTAL (UG/L AS HG)	283	7	67	209	36	8
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	37	37	0	0	15	8
71910	GOLD, TOTAL (UG/L AS AU)	1	0	1	0	1	0
71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	20	20	0	0	14	11
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12	11	1	0	12	10
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	32	30	2	0	5	4
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	14	3	11	0	1	0
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	55	33	22	0	7	5
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	53	33	20	0	7	5
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	53	33	20	0	7	5
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	11	0	11	0	2	2
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	55	33	22	0	7	5
72025	DEPTH OF POND OR RESERVOIR IN FEET	3	0	3	0	1	0
72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	47	0	0	47	6	5
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	26	26	0	0	25	24
73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	86	0	0	86	16	10
73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	86	0	0	86	16	10
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	39	0	0	39	28	18
79005	CHLORDANE, GAMMA, IN FISH UG/KG	2	0	2	0	1	1
79025	CHLORDANE, ALPHA, IN FISH WET WEIGHT UG/KG	2	0	2	0	1	1
79178	PCB-1242 TISDRYWTMG/KG	14	0	6	8	1	0
79179	PCB-1254 TISDRYWTMG/KG	37	3	12	22	1	0
79182	PCB-1248 TISDRYWTMG/KG	15	3	12	0	1	0
79183	PCB-1260 TISDRYWTMG/KG	23	3	12	8	1	0
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	17	7	10	0	1	0
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	13	7	6	0	1	0
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	243	0	0	243	22	1
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	243	0	0	243	22	1
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	18	18	0	0	18	16
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	51	51	0	0	51	46
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	18	18	0	0	18	16
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	18	18	0	0	18	16

Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Parameter Code	Name	Total Obs	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	18	18	0	0	18	16
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	17	17	0	0	17	15
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	15	15	0	0	15	13
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	18	18	0	0	14	11
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	18	18	0	0	18	16
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	18	18	0	0	18	16
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	18	18	0	0	18	16
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	18	18	0	0	18	16
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	3	3	0	0	1	0
81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	13	7	6	0	1	0
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	8	0	8	0	1	1
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	2	0	2	0	1	1
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	9	3	6	0	1	0
81660	IRON IN FISH TISSUE WET WEIGHT MG/KG	8	0	8	0	1	1
81741	MANGANESE IN FISH TISSUE WET WEIGHT MG/KG	8	0	8	0	1	1
81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	2	0	2	0	1	1
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	9	3	6	0	1	0
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	37	3	12	22	1	0
81944	DDT(INCLUDES DDE & DDD) IN TISSUE WET WEIGHT MG/KG	3	3	0	0	1	0
81987	TOTAL SEDIMENT PARTICLE SIZE %COARSER THAN 9.00PHI	37	3	12	22	1	0
82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	12	3	9	0	1	0
82007	PERCENT SAND IN SEDIMENT ON A DRY WEIGHT BASIS	18	18	0	0	14	11
82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	18	18	0	0	14	11
82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	18	18	0	0	14	11
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	12	3	9	0	1	0
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	4	0	4	0	1	0
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	219	219	0	0	5	3
82153	DICHLORODIBROMOMETHANE IN AIR,NG/CC	18	18	0	0	14	11
82305	RADON 222, DISSOLVED IN WATER PC/L	10	5	5	0	1	0
82398	SAMPLING METHOD (CODES)	51	51	0	0	50	45
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	6	6	0	0	6	6
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	6	6	0	0	6	6
84007	ANATOMY ALPHA CODE	41	30	11	0	6	5
84008	ANATOMY ALPHA CODE	8	0	8	0	1	1

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0001	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/70-11/24/70	0	15	
CODA0003	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-11/24/70	0	16	
CODA0006	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-11/24/70	0	16	
CODA0008	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/71-06/12/73	1	20	
CODA0009	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/72-05/25/72	0	2	
CODA0010	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/72-05/25/72	0	3	
CODA0013	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/86-09/26/86	0	1	
CODA0014	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	0	1	
CODA0015	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	0	1	
CODA0016	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-11/24/70	0	17	
CODA0017	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-11/24/70	0	17	
CODA0021	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/80-07/22/85	5	17	
CODA0023	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/86-05/13/86	0	1	
CODA0024	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	0	1	
CODA0025	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	0	1	
CODA0026	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/72-08/17/72	0	1	
CODA0030	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/05/90-09/10/92	1	21	
CODA0032	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/08/88-09/08/88	0	2	
CODA0033	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-11/24/70	0	17	
CODA0034	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-11/24/70	0	17	
CODA0036	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/08/88-09/08/88	0	1	
CODA0038	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/72-08/17/72	0	1	
CODA0041	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/78-08/15/83	5	56	
CODA0042	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-11/24/70	0	17	
CODA0043	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-02/13/73	0	10	
CODA0045	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-11/24/70	0	17	
CODA0046	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/75-09/10/75	0	11	
CODA0051	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/78-08/15/83	5	37	
CODA0052	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/78-08/15/83	5	84	
CODA0053	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/78-08/21/80	2	60	
CODA0054	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/17/77-08/21/80	2	35	
CODA0058	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	0	1	
CODA0059	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/20/72	0	1	
CODA0060	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/20/72	0	1	
CODA0061	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/72-05/24/72	0	9	
CODA0062	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/72-05/24/72	0	8	
CODA0063	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/72-05/24/72	0	8	
CODA0064	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/86-09/26/86	0	3	
CODA0065	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/72-05/24/72	0	5	
CODA0066	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/72-05/24/72	0	6	
CODA0067	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/80-08/15/83	3	29	
CODA0069	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/71-09/09/77	5	17	
CODA0070	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/70-06/18/80	10	59	
CODA0071	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	19	206	
CODA0072	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/72-05/26/72	0	5	
CODA0073	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/72-05/26/72	0	7	
CODA0074	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/72-05/26/72	0	9	
CODA0076	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-02/13/73	0	14	
CODA0078	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/80-08/11/81	0	3	
CODA0079	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/72-02/13/73	0	12	
CODA0080	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/14/72-02/13/73	0	9	
CODA0081	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/17/72-02/14/73	0	13	
CODA0082	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-08/18/81	0	1	
CODA0083	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/20/72	0	1	
CODA0084	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-02/13/73	0	13	
CODA0088	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/14/72-02/13/73	0	13	
CODA0089	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/72-05/27/72	0	12	
CODA0093	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-08/27/86	0	2	
CODA0094	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-02/12/73	0	13	
CODA0095	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/14/72-02/13/73	0	13	
CODA0096	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/15/72-02/13/73	0	13	
CODA0097	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/80-08/13/81	0	3	
CODA0099	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/14/72-02/13/73	0	13	
CODA0100	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/80-10/10/80	0	1	
CODA0101	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-02/12/73	0	13	
CODA0102	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/80-08/11/81	0	3	
CODA0103	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/15/72-02/13/73	0	13	
CODA0104	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/72-05/26/72	0	3	
CODA0105	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	31	215	
CODA0106	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/02/80	19	99	
CODA0107	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/80-08/11/81	0	3	
CODA0108	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/15/72-02/13/73	0	13	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0109	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/72-02/13/73	0	5	
CODA0110	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/80-08/11/81	0	3	
CODA0111	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/86-08/26/86	0	2	
CODA0114	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-02/12/73	0	13	
CODA0115	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/80-10/10/80	0	1	
CODA0116	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-02/12/73	0	14	
CODA0117	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/08/80-08/14/81	0	3	
CODA0118	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/72-02/12/73	0	13	
CODA0125	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/86-09/23/86	0	1	
CODA0127	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/72-02/12/73	0	17	
CODA0128	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-08/27/86	0	2	
CODA0132	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/08/80-08/14/81	0	3	
CODA0133	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/72-02/12/73	0	13	
CODA0136	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/72-02/12/73	0	13	
CODA0137	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/75-11/08/77	2	5	
CODA0138	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/75-11/08/77	2	5	
CODA0141	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/12/74-09/12/74	0	1	
CODA0142	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/12/74-09/12/74	0	1	
CODA0147	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/72-05/26/72	0	3	
CODA0148	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/86-05/13/86	0	1	
CODA0153	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/86-08/26/86	0	1	
CODA0154	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	19	132	
CODA0155	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	30	238	
CODA0159	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	0	1	
CODA0160	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	0	1	
CODA0161	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	0	1	
CODA0163	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/21/72-05/26/72	0	3	
CODA0164	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/21/72-05/26/72	0	3	
CODA0166	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/71-04/26/72	0	6	
CODA0171	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/86-09/24/86	0	1	
CODA0172	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/67-06/27/68	0	5	
CODA0173	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-05/14/86	0	1	
CODA0179	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/71-04/26/72	0	6	
CODA0180	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/31/72-10/31/72	0	1	
CODA0182	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	0	1	
CODA0183	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/72-05/25/72	0	3	
CODA0184	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	19	122	
CODA0185	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	30	216	
CODA0186	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/86-08/26/86	0	1	
CODA0190	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/72-06/22/72	0	1	
CODA0191	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/72-06/22/72	0	1	
CODA0193	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-08/27/86	0	2	
CODA0197	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-09/24/86	0	4	
CODA0013	Yes	00019	SAMPLE WEIGHT IN GRAMS	09/26/86-09/26/86	0	11	
CODA0126	Yes	00019	SAMPLE WEIGHT IN GRAMS	09/23/86-09/23/86	0	9	
CODA0197	No	00019	SAMPLE WEIGHT IN GRAMS	09/25/86-09/25/86	0	9	
CODA0047	No	00023	SAMPLE WEIGHT IN POUNDS	10/01/70-10/01/84	14	34	
CODA0047	No	00024	SAMPLE LENGTH IN INCHES	10/01/70-10/01/84	14	34	
CODA0001	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	06/22/70-11/24/70	0	11	
CODA0003	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/06/70-11/24/70	0	12	
CODA0006	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/06/70-11/24/70	0	12	
CODA0008	No	00060	FLOW, STREAM, MEAN DAILY CFS	11/10/71-04/24/73	1	35	
CODA0017	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/06/70-11/24/70	0	12	
CODA0026	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/17/72-08/17/72	0	1	
CODA0033	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/06/70-11/24/70	0	12	
CODA0034	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/06/70-11/24/70	0	12	
CODA0038	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/17/72-08/17/72	0	1	
CODA0045	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/06/70-11/24/70	0	12	
CODA0064	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/15/86-09/26/86	0	3	
CODA0069	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	11/09/71-09/26/72	0	18	
CODA0070	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	07/12/78-07/12/78	0	1	
CODA0071	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	41	347	T,A,S
CODA0093	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/14/86-08/27/86	0	2	
CODA0105	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	19	169	A
CODA0137	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/21/76-11/08/77	1	4	
CODA0138	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/21/76-11/08/77	1	4	
CODA0148	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/13/86-05/13/86	0	1	
CODA0153	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/26/86-08/26/86	0	1	
CODA0154	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/27/60-08/23/70	10	66	
CODA0155	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	30	220	T,A,S
CODA0166	No	00060	FLOW, STREAM, MEAN DAILY CFS	11/10/71-09/27/72	0	15	
CODA0173	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/14/86-05/14/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0179	No	00060	FLOW, STREAM, MEAN DAILY CFS	11/10/71-09/27/72	0	13	
CODA0184	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	02/23/67-02/23/67	0	1	
CODA0185	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	29	155	T,S
CODA0186	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/26/86-08/26/86	0	1	
CODA0197	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/14/86-09/24/86	0	4	
CODA0023	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/13/86-05/13/86	0	1	
CODA0032	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/08/88-09/08/88	0	1	
CODA0043	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/13/72-02/13/73	0	11	
CODA0061	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/72-05/24/72	0	8	
CODA0062	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/72-05/24/72	0	8	
CODA0063	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/72-05/24/72	0	8	
CODA0064	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/27/86-08/27/86	0	1	
CODA0065	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/72-05/24/72	0	5	
CODA0066	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/13/72-05/24/72	0	6	
CODA0070	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/18/80	8	82	
CODA0071	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/26/77-09/13/78	0	11	
CODA0076	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/13/72-02/13/73	0	14	
CODA0078	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/11/81-08/11/81	0	1	
CODA0079	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/15/72-02/13/73	0	13	
CODA0080	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/72-02/13/73	0	10	
CODA0081	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/17/72-02/14/73	0	13	
CODA0082	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/81-08/18/81	0	1	
CODA0084	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/13/72-02/13/73	0	13	
CODA0088	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/72-02/13/73	0	14	
CODA0089	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/72-05/27/72	0	12	
CODA0094	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/13/72-02/12/73	0	14	
CODA0095	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/72-02/13/73	0	15	
CODA0096	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/15/72-02/13/73	0	15	
CODA0097	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/80-08/13/81	0	3	
CODA0099	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/72-02/13/73	0	15	
CODA0101	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/13/72-02/12/73	0	15	
CODA0102	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/18/81-08/11/81	0	2	
CODA0103	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/15/72-02/13/73	0	15	
CODA0105	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/77-09/14/78	0	6	
CODA0106	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/02/80	8	68	
CODA0107	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/22/81-08/11/81	0	2	
CODA0108	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/15/72-02/13/73	0	14	
CODA0109	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/72-02/13/73	0	5	
CODA0111	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/13/86-08/26/86	0	2	
CODA0114	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/13/72-02/12/73	0	15	
CODA0116	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/13/72-02/12/73	0	15	
CODA0117	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/30/81-08/14/81	0	2	
CODA0118	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/12/72-02/12/73	0	15	
CODA0127	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/12/72-02/12/73	0	19	
CODA0128	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/14/86-08/27/86	0	2	
CODA0132	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/08/80-08/14/81	0	3	
CODA0133	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/12/72-02/12/73	0	14	
CODA0136	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/12/72-02/12/73	0	14	
CODA0154	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	8	68	
CODA0155	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/25/77-09/12/78	0	9	
CODA0184	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	8	70	
CODA0185	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/25/77-09/12/78	0	10	
CODA0193	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/14/86-08/27/86	0	2	
CODA0102	No	00065	STAGE, STREAM (FEET)	10/01/80-10/01/80	0	1	
CODA0110	No	00065	STAGE, STREAM (FEET)	10/01/80-08/11/81	0	2	
CODA0041	Yes	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	06/15/78-08/15/83	5	61	
CODA0051	Yes	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	08/11/78-12/17/86	8	55	
CODA0052	Yes	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	06/15/78-12/17/86	8	107	
CODA0053	Yes	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	06/30/78-08/21/80	2	63	
CODA0054	Yes	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	06/19/80-08/21/80	0	18	
CODA0067	Yes	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	05/16/80-08/15/83	3	34	
CODA0001	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/22/70-11/24/70	0	11	
CODA0003	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/06/70-11/24/70	0	13	
CODA0006	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/06/70-11/24/70	0	13	
CODA0016	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/06/70-11/24/70	0	13	
CODA0017	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/06/70-11/24/70	0	13	
CODA0033	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/06/70-11/24/70	0	13	
CODA0034	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/06/70-11/24/70	0	13	
CODA0042	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/06/70-11/24/70	0	12	
CODA0043	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/72-02/13/73	0	9	
CODA0045	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/06/70-11/24/70	0	12	
CODA0069	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/20/76-09/09/77	0	9	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0070	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-09/13/78	6	62	
CODA0071	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	14	151	
CODA0076	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/72-02/13/73	0	11	
CODA0079	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/15/72-02/13/73	0	11	
CODA0080	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/14/72-02/13/73	0	8	
CODA0081	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/17/72-02/14/73	0	12	
CODA0084	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/72-02/13/73	0	12	
CODA0088	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/14/72-02/13/73	0	11	
CODA0094	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/72-02/12/73	0	10	
CODA0095	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/14/72-02/13/73	0	11	
CODA0096	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/15/72-02/13/73	0	11	
CODA0099	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/14/72-02/13/73	0	11	
CODA0101	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/72-02/12/73	0	11	
CODA0103	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/15/72-02/13/73	0	12	
CODA0105	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	24	139	T
CODA0106	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-09/14/78	16	75	
CODA0108	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/15/72-02/13/73	0	11	
CODA0109	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/17/72-02/13/73	0	5	
CODA0114	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/72-02/12/73	0	12	
CODA0116	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/72-02/12/73	0	12	
CODA0118	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/72-02/12/73	0	11	
CODA0127	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/72-02/12/73	0	15	
CODA0133	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/72-02/12/73	0	10	
CODA0136	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/72-02/12/73	0	11	
CODA0137	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/15/72-11/08/77	5	8	
CODA0138	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/15/72-11/08/77	5	8	
CODA0141	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/12/74-09/12/74	0	1	
CODA0142	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/12/74-09/12/74	0	1	
CODA0154	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/13/71-09/12/78	6	52	
CODA0155	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	24	152	T,A
CODA0172	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/67-06/27/68	0	4	
CODA0184	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/13/71-09/12/78	6	54	
CODA0185	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	24	149	T
CODA0046	No	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/03/75-07/22/75	0	10	
CODA0041	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/15/78-08/21/80	2	56	
CODA0051	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/11/78-08/21/80	2	37	
CODA0052	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/15/78-08/21/80	2	64	
CODA0053	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/30/78-08/21/80	2	60	
CODA0054	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/09/77-08/21/80	3	40	
CODA0067	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/80-08/21/80	0	31	
CODA0070	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/18/78-06/18/80	1	20	
CODA0078	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/22/81-08/11/81	0	2	
CODA0082	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/18/81-08/18/81	0	1	
CODA0097	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/03/80-08/13/81	0	3	
CODA0100	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/10/80-10/10/80	0	1	
CODA0102	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/01/80-08/11/81	0	3	
CODA0106	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/21/78-06/02/80	1	11	
CODA0107	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/15/80-08/11/81	0	3	
CODA0110	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/01/80-08/11/81	0	3	
CODA0115	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/10/80-10/10/80	0	1	
CODA0117	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/08/80-08/14/81	0	3	
CODA0132	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/08/80-08/14/81	0	3	
CODA0154	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/10/78-06/11/80	1	16	
CODA0184	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/10/78-06/11/80	1	16	
CODA0001	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/70-10/27/70	0	14	
CODA0006	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/70-10/27/70	0	15	
CODA0016	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/70-10/27/70	0	15	
CODA0017	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/70-10/27/70	0	15	
CODA0033	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/70-10/27/70	0	15	
CODA0034	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/70-10/27/70	0	15	
CODA0042	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/70-10/27/70	0	15	
CODA0045	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/70-10/27/70	0	15	
CODA0046	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/03/75-09/10/75	0	3	
CODA0041	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/15/78-08/21/80	2	23	
CODA0051	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/11/78-08/21/80	2	9	
CODA0052	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/15/78-08/21/80	2	22	
CODA0053	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/30/78-08/21/80	2	21	
CODA0054	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/19/80-08/21/80	0	8	
CODA0067	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/19/80-08/21/80	0	8	
CODA0070	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/12/71-06/18/80	8	82	
CODA0071	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	35	177	T,S
CODA0105	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	26	153	T,S

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0106	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-06/02/80	19	89	
CODA0154	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	19	130	
CODA0155	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	26	192	T,A,S
CODA0184	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	19	121	
CODA0185	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	26	171	T,S
CODA0137	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/08/74-11/08/74	0	1	
CODA0138	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/08/74-11/08/74	0	1	
CODA0141	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/12/74-09/12/74	0	1	
CODA0142	No	00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/12/74-09/12/74	0	1	
CODA0013	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/26/86-09/26/86	0	2	
CODA0023	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/86-05/13/86	0	2	
CODA0046	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/03/75-09/10/75	0	16	
CODA0064	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/86-09/26/86	0	4	
CODA0069	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/20/76-09/09/77	0	10	
CODA0078	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/80-08/11/81	0	3	
CODA0082	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/81-08/18/81	0	1	
CODA0093	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/14/86-08/27/86	0	2	
CODA0097	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/03/80-08/13/81	0	3	
CODA0100	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/10/80-10/10/80	0	1	
CODA0102	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/80-08/11/81	0	3	
CODA0107	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/80-08/11/81	0	3	
CODA0110	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/80-08/11/81	0	3	
CODA0111	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/86-08/26/86	0	2	
CODA0115	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/10/80-10/10/80	0	1	
CODA0117	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/08/80-08/14/81	0	3	
CODA0125	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/23/86-09/23/86	0	2	
CODA0128	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/14/86-08/27/86	0	2	
CODA0132	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/08/80-08/14/81	0	3	
CODA0137	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/08/74-11/08/77	3	6	
CODA0138	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/08/74-11/08/77	3	6	
CODA0141	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/12/74-09/12/74	0	1	
CODA0142	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/12/74-09/12/74	0	1	
CODA0148	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/86-05/13/86	0	1	
CODA0153	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/86-08/26/86	0	1	
CODA0171	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/24/86-09/24/86	0	2	
CODA0173	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/14/86-05/14/86	0	1	
CODA0186	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/86-08/26/86	0	1	
CODA0193	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/14/86-08/27/86	0	2	
CODA0197	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/14/86-09/24/86	0	6	
CODA0001	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/22/70-11/24/70	0	11	
CODA0003	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/70-11/24/70	0	12	
CODA0006	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/70-11/24/70	0	12	
CODA0008	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/72-09/14/72	0	1	
CODA0016	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/70-11/24/70	0	13	
CODA0017	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/70-11/24/70	0	13	
CODA0021	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/80-07/22/85	5	17	
CODA0030	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/05/90-09/10/92	1	21	
CODA0032	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/88-09/08/88	0	1	
CODA0033	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/70-11/24/70	0	13	
CODA0034	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/70-11/24/70	0	13	
CODA0042	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/70-11/24/70	0	13	
CODA0043	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	0	10	
CODA0045	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/70-11/24/70	0	12	
CODA0054	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/09/77-05/11/78	1	7	
CODA0069	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/76-12/16/76	0	2	
CODA0070	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/71-06/18/80	8	83	
CODA0071	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	41	360	T,A,S
CODA0076	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	0	13	
CODA0079	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	0	12	
CODA0080	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	0	9	
CODA0081	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/25/72-02/14/73	0	12	
CODA0084	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	0	13	
CODA0088	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	0	13	
CODA0094	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/12/73	0	13	
CODA0095	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	0	13	
CODA0096	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	0	13	
CODA0098	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/79-10/03/79	0	1	
CODA0099	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	0	13	
CODA0101	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/72-02/12/73	0	13	
CODA0103	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	0	13	
CODA0105	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	31	217	T,A,S
CODA0106	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	07/27/60-06/02/80	19	97	

[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]
CODA0108	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	0	13	
CODA0109	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/72-02/13/73	0	5	
CODA0114	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/72-02/12/73	0	13	
CODA0116	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/72-02/12/73	0	13	
CODA0118	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/72-02/12/73	0	13	
CODA0123	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/79-10/04/79	0	1	
CODA0127	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/72-02/12/73	0	15	
CODA0133	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/72-02/12/73	0	12	
CODA0135	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/80-09/25/80	0	1	
CODA0136	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/72-02/12/73	0	13	
CODA0154	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	19	132	
CODA0155	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	30	241	T,A,S
CODA0184	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	19	124	
CODA0185	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	30	220	T,A,S
CODA0155	No	00105	RIVER MILE, UPSTREAM END OF REACH	11/10/71-11/10/71	0	1	
CODA0185	Yes	00105	RIVER MILE, UPSTREAM END OF REACH	11/10/71-11/10/71	0	1	
CODA0078	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/80-08/11/81	0	3	
CODA0082	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/18/81-08/18/81	0	1	
CODA0097	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/03/80-08/13/81	0	3	
CODA0100	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/10/80-10/10/80	0	1	
CODA0102	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/80-08/11/81	0	3	
CODA0107	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/80-08/11/81	0	3	
CODA0110	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/80-08/11/81	0	3	
CODA0115	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/10/80-10/10/80	0	1	
CODA0117	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/08/80-08/14/81	0	3	
CODA0132	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/08/80-08/14/81	0	3	
CODA0001	Yes	00300	OXYGEN, DISSOLVED MG/L	06/23/70-11/24/70	0	16	
CODA0003	No	00300	OXYGEN, DISSOLVED MG/L	05/06/70-11/24/70	0	17	
CODA0006	Yes	00300	OXYGEN, DISSOLVED MG/L	05/06/70-11/24/70	0	17	
CODA0008	No	00300	OXYGEN, DISSOLVED MG/L	09/14/72-09/15/72	0	2	
CODA0009	No	00300	OXYGEN, DISSOLVED MG/L	04/20/72-05/25/72	0	2	
CODA0010	No	00300	OXYGEN, DISSOLVED MG/L	04/05/72-05/25/72	0	3	
CODA0013	Yes	00300	OXYGEN, DISSOLVED MG/L	09/26/86-09/26/86	0	2	
CODA0014	Yes	00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	0	1	
CODA0015	Yes	00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	0	1	
CODA0016	Yes	00300	OXYGEN, DISSOLVED MG/L	05/06/70-11/24/70	0	17	
CODA0017	Yes	00300	OXYGEN, DISSOLVED MG/L	05/06/70-11/24/70	0	17	
CODA0021	No	00300	OXYGEN, DISSOLVED MG/L	04/30/80-07/22/85	5	17	
CODA0024	Yes	00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	0	1	
CODA0025	Yes	00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	0	1	
CODA0026	No	00300	OXYGEN, DISSOLVED MG/L	08/17/72-08/17/72	0	1	
CODA0030	Yes	00300	OXYGEN, DISSOLVED MG/L	12/05/90-09/10/92	1	21	
CODA0033	Yes	00300	OXYGEN, DISSOLVED MG/L	05/06/70-11/24/70	0	17	
CODA0034	Yes	00300	OXYGEN, DISSOLVED MG/L	05/06/70-11/24/70	0	17	
CODA0038	Yes	00300	OXYGEN, DISSOLVED MG/L	08/17/72-08/17/72	0	1	
CODA0041	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/80-07/25/80	0	21	
CODA0042	Yes	00300	OXYGEN, DISSOLVED MG/L	05/06/70-11/24/70	0	17	
CODA0045	Yes	00300	OXYGEN, DISSOLVED MG/L	05/06/70-11/24/70	0	17	
CODA0046	No	00300	OXYGEN, DISSOLVED MG/L	04/03/75-09/10/75	0	16	
CODA0051	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/80-07/25/80	0	14	
CODA0052	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/80-07/25/80	0	28	
CODA0053	Yes	00300	OXYGEN, DISSOLVED MG/L	06/30/78-07/22/80	2	53	
CODA0054	Yes	00300	OXYGEN, DISSOLVED MG/L	11/17/77-07/22/80	2	30	
CODA0058	No	00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	0	1	
CODA0059	Yes	00300	OXYGEN, DISSOLVED MG/L	06/20/72-06/20/72	0	1	
CODA0060	Yes	00300	OXYGEN, DISSOLVED MG/L	06/20/72-06/20/72	0	1	
CODA0061	Yes	00300	OXYGEN, DISSOLVED MG/L	04/04/72-05/24/72	0	9	
CODA0062	Yes	00300	OXYGEN, DISSOLVED MG/L	04/04/72-05/24/72	0	8	
CODA0063	Yes	00300	OXYGEN, DISSOLVED MG/L	04/04/72-05/24/72	0	9	
CODA0064	Yes	00300	OXYGEN, DISSOLVED MG/L	09/26/86-09/26/86	0	1	
CODA0065	Yes	00300	OXYGEN, DISSOLVED MG/L	04/06/72-05/24/72	0	5	
CODA0066	Yes	00300	OXYGEN, DISSOLVED MG/L	04/13/72-05/24/72	0	6	
CODA0067	Yes	00300	OXYGEN, DISSOLVED MG/L	06/19/80-07/25/80	0	21	
CODA0069	Yes	00300	OXYGEN, DISSOLVED MG/L	10/20/76-09/09/77	0	11	
CODA0070	Yes	00300	OXYGEN, DISSOLVED MG/L	10/12/71-06/18/80	8	82	
CODA0071	Yes	00300	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	19	205	A
CODA0072	Yes	00300	OXYGEN, DISSOLVED MG/L	04/06/72-05/26/72	0	5	
CODA0073	Yes	00300	OXYGEN, DISSOLVED MG/L	04/06/72-05/26/72	0	7	
CODA0074	Yes	00300	OXYGEN, DISSOLVED MG/L	04/06/72-05/26/72	0	9	
CODA0083	No	00300	OXYGEN, DISSOLVED MG/L	06/20/72-06/20/72	0	1	
CODA0089	No	00300	OXYGEN, DISSOLVED MG/L	04/06/72-05/27/72	0	11	
CODA0104	No	00300	OXYGEN, DISSOLVED MG/L	04/05/72-05/26/72	0	3	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0105	No	00300	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	31	215	T,A,S
CODA0106	No	00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/02/80	19	87	
CODA0125	Yes	00300	OXYGEN, DISSOLVED MG/L	09/23/86-09/23/86	0	2	
CODA0137	No	00300	OXYGEN, DISSOLVED MG/L	04/21/76-11/08/77	1	4	
CODA0138	No	00300	OXYGEN, DISSOLVED MG/L	04/21/76-11/08/77	1	4	
CODA0141	No	00300	OXYGEN, DISSOLVED MG/L	09/12/74-09/12/74	0	1	
CODA0142	No	00300	OXYGEN, DISSOLVED MG/L	09/12/74-09/12/74	0	1	
CODA0147	No	00300	OXYGEN, DISSOLVED MG/L	04/20/72-05/26/72	0	3	
CODA0154	No	00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	19	129	
CODA0155	No	00300	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	30	238	T,A,S
CODA0159	Yes	00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	0	1	
CODA0160	Yes	00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	0	1	
CODA0161	Yes	00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	0	1	
CODA0163	Yes	00300	OXYGEN, DISSOLVED MG/L	04/21/72-05/26/72	0	3	
CODA0164	Yes	00300	OXYGEN, DISSOLVED MG/L	04/21/72-05/26/72	0	3	
CODA0171	Yes	00300	OXYGEN, DISSOLVED MG/L	09/24/86-09/24/86	0	2	
CODA0172	Yes	00300	OXYGEN, DISSOLVED MG/L	12/12/67-06/27/68	0	5	
CODA0180	No	00300	OXYGEN, DISSOLVED MG/L	10/31/72-10/31/72	0	1	
CODA0182	No	00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	0	1	
CODA0183	No	00300	OXYGEN, DISSOLVED MG/L	04/20/72-05/25/72	0	3	
CODA0184	Yes	00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	19	119	
CODA0185	Yes	00300	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	30	215	T,A,S
CODA0190	No	00300	OXYGEN, DISSOLVED MG/L	06/22/72-06/22/72	0	1	
CODA0191	No	00300	OXYGEN, DISSOLVED MG/L	06/22/72-06/22/72	0	1	
CODA0197	No	00300	OXYGEN, DISSOLVED MG/L	09/24/86-09/24/86	0	2	
CODA0001	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/29/70-10/27/70	0	14	
CODA0003	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/23/70-10/27/70	0	14	
CODA0006	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/29/70-10/27/70	0	14	
CODA0009	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/20/72-05/25/72	0	2	
CODA0010	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/05/72-05/25/72	0	3	
CODA0014	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	0	1	
CODA0015	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	0	1	
CODA0016	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/23/70-10/27/70	0	15	
CODA0017	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/23/70-10/27/70	0	15	
CODA0024	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	0	1	
CODA0025	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	0	1	
CODA0026	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/17/72-08/17/72	0	1	
CODA0030	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/05/90-09/10/92	1	21	
CODA0033	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/23/70-10/27/70	0	15	
CODA0034	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/23/70-10/27/70	0	15	
CODA0038	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/17/72-08/17/72	0	1	
CODA0041	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/11/78-08/11/78	0	1	
CODA0042	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/23/70-10/27/70	0	15	
CODA0045	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/23/70-10/27/70	0	15	
CODA0053	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/78-10/12/78	0	4	
CODA0054	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/14/78-08/11/78	0	3	
CODA0058	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	0	1	
CODA0059	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/20/72-06/20/72	0	1	
CODA0060	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/20/72-06/20/72	0	1	
CODA0061	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/72-05/24/72	0	9	
CODA0062	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/72-05/24/72	0	8	
CODA0063	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/72-05/24/72	0	9	
CODA0065	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/72-05/24/72	0	5	
CODA0066	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/13/72-05/24/72	0	6	
CODA0071	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	13	155	A
CODA0072	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/72-05/26/72	0	5	
CODA0073	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/72-05/26/72	0	7	
CODA0074	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/72-05/26/72	0	9	
CODA0083	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/20/72-06/20/72	0	1	
CODA0089	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/72-05/27/72	0	11	
CODA0104	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/05/72-05/26/72	0	3	
CODA0105	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	13	148	
CODA0147	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/20/72-05/26/72	0	3	
CODA0155	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	12	128	
CODA0159	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	0	1	
CODA0160	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	0	1	
CODA0161	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	0	1	
CODA0163	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/21/72-05/26/72	0	3	
CODA0164	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/21/72-05/26/72	0	3	
CODA0180	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/31/72-10/31/72	0	1	
CODA0182	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	0	1	
CODA0183	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/20/72-05/25/72	0	3	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0185	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	12	126	
CODA0190	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/22/72-06/22/72	0	1	
CODA0191	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/22/72-06/22/72	0	1	
CODA0071	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	04/25/72-07/11/72	0	2	
CODA0105	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/25/72-07/11/72	0	2	
CODA0155	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/26/72-04/26/72	0	1	
CODA0185	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	04/26/72-07/12/72	0	2	
CODA0041	Yes	00335	COD, .025N K2CR2O7 MG/L	06/15/78-08/15/83	5	61	
CODA0051	Yes	00335	COD, .025N K2CR2O7 MG/L	08/11/78-08/15/83	5	40	
CODA0052	Yes	00335	COD, .025N K2CR2O7 MG/L	06/15/78-08/15/83	5	69	
CODA0053	Yes	00335	COD, .025N K2CR2O7 MG/L	06/30/78-08/21/80	2	63	
CODA0054	Yes	00335	COD, .025N K2CR2O7 MG/L	05/09/77-08/21/80	3	42	
CODA0067	Yes	00335	COD, .025N K2CR2O7 MG/L	05/16/80-08/15/83	3	34	
CODA0021	No	00340	COD, .25N K2CR2O7 MG/L	07/24/84-07/22/85	0	13	
CODA0069	Yes	00340	COD, .25N K2CR2O7 MG/L	10/20/76-09/09/77	0	9	
CODA0185	Yes	00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	12	112	
CODA0001	Yes	00400	PH (STANDARD UNITS)	06/22/70-10/27/70	0	9	
CODA0003	No	00400	PH (STANDARD UNITS)	05/06/70-10/27/70	0	11	
CODA0006	Yes	00400	PH (STANDARD UNITS)	05/06/70-10/27/70	0	10	
CODA0008	No	00400	PH (STANDARD UNITS)	09/14/72-09/14/72	0	1	
CODA0010	No	00400	PH (STANDARD UNITS)	05/25/72-05/25/72	0	1	
CODA0013	Yes	00400	PH (STANDARD UNITS)	09/26/86-09/26/86	0	2	
CODA0016	Yes	00400	PH (STANDARD UNITS)	05/06/70-10/27/70	0	11	
CODA0017	Yes	00400	PH (STANDARD UNITS)	05/06/70-10/27/70	0	11	
CODA0021	No	00400	PH (STANDARD UNITS)	04/30/80-07/22/85	5	17	
CODA0023	No	00400	PH (STANDARD UNITS)	05/13/86-05/13/86	0	1	
CODA0030	Yes	00400	PH (STANDARD UNITS)	12/05/90-09/10/92	1	21	
CODA0032	No	00400	PH (STANDARD UNITS)	09/08/88-09/08/88	0	1	
CODA0033	Yes	00400	PH (STANDARD UNITS)	05/06/70-10/27/70	0	11	
CODA0034	Yes	00400	PH (STANDARD UNITS)	05/06/70-10/27/70	0	11	
CODA0042	Yes	00400	PH (STANDARD UNITS)	05/06/70-10/27/70	0	11	
CODA0045	Yes	00400	PH (STANDARD UNITS)	05/06/70-10/27/70	0	10	
CODA0046	No	00400	PH (STANDARD UNITS)	04/03/75-09/10/75	0	16	
CODA0061	Yes	00400	PH (STANDARD UNITS)	05/24/72-05/24/72	0	1	
CODA0064	Yes	00400	PH (STANDARD UNITS)	05/15/86-09/26/86	0	3	
CODA0069	Yes	00400	PH (STANDARD UNITS)	10/20/76-09/09/77	0	10	
CODA0070	Yes	00400	PH (STANDARD UNITS)	10/12/71-06/18/80	8	82	
CODA0071	Yes	00400	PH (STANDARD UNITS)	12/11/48-11/14/90	41	302	T,A,S
CODA0072	Yes	00400	PH (STANDARD UNITS)	05/26/72-05/26/72	0	1	
CODA0089	No	00400	PH (STANDARD UNITS)	04/17/72-05/27/72	0	2	
CODA0093	Yes	00400	PH (STANDARD UNITS)	05/14/86-08/27/86	0	2	
CODA0104	No	00400	PH (STANDARD UNITS)	04/18/72-05/26/72	0	2	
CODA0105	No	00400	PH (STANDARD UNITS)	07/27/60-09/11/91	31	216	T,A,S
CODA0106	No	00400	PH (STANDARD UNITS)	07/27/60-06/02/80	19	87	
CODA0108	No	00400	PH (STANDARD UNITS)	12/20/72-12/20/72	0	1	
CODA0109	No	00400	PH (STANDARD UNITS)	12/20/72-12/20/72	0	1	
CODA0111	No	00400	PH (STANDARD UNITS)	05/13/86-08/26/86	0	2	
CODA0125	Yes	00400	PH (STANDARD UNITS)	09/23/86-09/23/86	0	2	
CODA0128	No	00400	PH (STANDARD UNITS)	05/14/86-08/27/86	0	2	
CODA0147	No	00400	PH (STANDARD UNITS)	04/20/72-05/26/72	0	2	
CODA0148	Yes	00400	PH (STANDARD UNITS)	05/13/86-05/13/86	0	1	
CODA0153	No	00400	PH (STANDARD UNITS)	08/26/86-08/26/86	0	1	
CODA0154	No	00400	PH (STANDARD UNITS)	07/27/60-06/11/80	19	111	
CODA0155	No	00400	PH (STANDARD UNITS)	07/27/60-11/07/90	30	222	T,A,S
CODA0163	Yes	00400	PH (STANDARD UNITS)	04/21/72-04/21/72	0	1	
CODA0164	Yes	00400	PH (STANDARD UNITS)	05/26/72-05/26/72	0	1	
CODA0171	Yes	00400	PH (STANDARD UNITS)	09/24/86-09/24/86	0	2	
CODA0172	Yes	00400	PH (STANDARD UNITS)	03/26/68-06/27/68	0	3	
CODA0173	Yes	00400	PH (STANDARD UNITS)	05/14/86-05/14/86	0	1	
CODA0183	No	00400	PH (STANDARD UNITS)	04/20/72-05/25/72	0	2	
CODA0184	Yes	00400	PH (STANDARD UNITS)	07/27/60-06/11/80	19	106	
CODA0185	Yes	00400	PH (STANDARD UNITS)	07/27/60-11/07/90	30	198	A,S
CODA0186	No	00400	PH (STANDARD UNITS)	08/26/86-08/26/86	0	1	
CODA0193	No	00400	PH (STANDARD UNITS)	05/14/86-08/27/86	0	2	
CODA0197	No	00400	PH (STANDARD UNITS)	05/14/86-09/24/86	0	4	
CODA0021	No	00403	PH, LAB, STANDARD UNITS SU	04/30/80-07/22/85	5	17	
CODA0032	No	00403	PH, LAB, STANDARD UNITS SU	09/08/88-09/08/88	0	1	
CODA0051	Yes	00403	PH, LAB, STANDARD UNITS SU	06/12/86-12/17/86	0	15	
CODA0052	Yes	00403	PH, LAB, STANDARD UNITS SU	06/12/86-12/17/86	0	15	
CODA0054	Yes	00403	PH, LAB, STANDARD UNITS SU	05/09/77-05/11/78	1	7	
CODA0078	Yes	00403	PH, LAB, STANDARD UNITS SU	04/22/81-08/11/81	0	2	
CODA0082	No	00403	PH, LAB, STANDARD UNITS SU	08/18/81-08/18/81	0	1	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0097	No	00403	PH, LAB, STANDARD UNITS SU	10/03/80-08/13/81	0	3	
CODA0098	No	00403	PH, LAB, STANDARD UNITS SU	10/03/79-10/03/79	0	1	
CODA0100	No	00403	PH, LAB, STANDARD UNITS SU	10/10/80-10/10/80	0	1	
CODA0102	No	00403	PH, LAB, STANDARD UNITS SU	10/01/80-08/11/81	0	3	
CODA0107	No	00403	PH, LAB, STANDARD UNITS SU	04/22/81-08/11/81	0	2	
CODA0110	No	00403	PH, LAB, STANDARD UNITS SU	10/01/80-08/11/81	0	3	
CODA0115	No	00403	PH, LAB, STANDARD UNITS SU	10/10/80-10/10/80	0	1	
CODA0117	No	00403	PH, LAB, STANDARD UNITS SU	10/08/80-08/14/81	0	3	
CODA0123	No	00403	PH, LAB, STANDARD UNITS SU	10/04/79-10/04/79	0	1	
CODA0132	No	00403	PH, LAB, STANDARD UNITS SU	10/08/80-08/14/81	0	3	
CODA0135	No	00403	PH, LAB, STANDARD UNITS SU	09/25/80-09/25/80	0	1	
CODA0137	No	00403	PH, LAB, STANDARD UNITS SU	11/08/74-11/08/77	3	5	
CODA0138	No	00403	PH, LAB, STANDARD UNITS SU	11/08/74-11/08/77	3	5	
CODA0141	No	00403	PH, LAB, STANDARD UNITS SU	09/12/74-09/12/74	0	1	
CODA0142	No	00403	PH, LAB, STANDARD UNITS SU	09/12/74-09/12/74	0	1	
CODA0070	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	03/28/72-09/23/76	4	41	
CODA0106	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/60-09/26/72	12	43	
CODA0108	No	00405	CARBON DIOXIDE (MG/L AS CO2)	12/20/72-12/20/72	0	1	
CODA0109	No	00405	CARBON DIOXIDE (MG/L AS CO2)	12/20/72-12/20/72	0	1	
CODA0141	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/12/74-09/12/74	0	1	
CODA0142	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/12/74-09/12/74	0	1	
CODA0154	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/29/72-09/27/72	0	12	
CODA0184	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	03/29/72-09/27/72	0	12	
CODA0010	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/72-05/25/72	0	1	
CODA0021	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/30/80-11/17/80	0	4	
CODA0032	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/08/88-09/08/88	0	1	
CODA0043	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-06/17/72	0	2	
CODA0046	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/03/75-09/10/75	0	16	
CODA0061	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/24/72-05/24/72	0	1	
CODA0069	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/30/76-09/09/77	0	5	
CODA0070	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/13/70-09/23/76	6	51	
CODA0071	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/71-09/23/76	4	50	
CODA0072	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/26/72-05/26/72	0	1	
CODA0076	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0079	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/20/72	0	4	
CODA0080	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-06/18/72	0	2	
CODA0081	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/25/72-12/14/72	0	4	
CODA0084	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0088	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0089	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/17/72-05/27/72	0	2	
CODA0094	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0095	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0096	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/20/72	0	4	
CODA0098	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/79-10/03/79	0	1	
CODA0099	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0101	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/72-12/12/72	0	4	
CODA0103	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/20/72	0	4	
CODA0104	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/72-05/26/72	0	2	
CODA0105	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/71-09/26/72	0	19	
CODA0106	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/27/60-09/26/72	12	46	
CODA0108	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/20/72	0	4	
CODA0109	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/72-12/20/72	0	1	
CODA0114	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/72-12/12/72	0	4	
CODA0116	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/72-12/12/72	0	4	
CODA0118	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/72-12/11/72	0	4	
CODA0123	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/04/79-10/04/79	0	1	
CODA0127	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/72-12/11/72	0	4	
CODA0133	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/72-12/11/72	0	4	
CODA0135	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/25/80-09/25/80	0	1	
CODA0136	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/72-12/11/72	0	4	
CODA0137	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/74-11/08/74	0	1	
CODA0138	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/74-11/08/74	0	1	
CODA0141	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/12/74-09/12/74	0	1	
CODA0142	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/12/74-09/12/74	0	1	
CODA0147	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/72-05/26/72	0	2	
CODA0154	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/03/61-09/27/72	11	35	
CODA0155	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/17/64-09/27/72	8	26	
CODA0163	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/21/72-04/21/72	0	1	
CODA0164	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/26/72-05/26/72	0	1	
CODA0183	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/72-05/25/72	0	2	
CODA0184	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/17/62-09/27/72	9	45	
CODA0185	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/71-09/27/72	0	17	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0078	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/15/80-08/11/81	0	3	
CODA0082	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/18/81-08/18/81	0	1	
CODA0097	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/03/80-08/13/81	0	3	
CODA0100	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/10/80-10/10/80	0	1	
CODA0102	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/01/80-08/11/81	0	3	
CODA0107	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/15/80-08/11/81	0	3	
CODA0110	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/01/80-08/11/81	0	3	
CODA0115	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/10/80-10/10/80	0	1	
CODA0117	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/08/80-08/14/81	0	3	
CODA0132	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/08/80-08/14/81	0	3	
CODA0078	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/15/80-08/11/81	0	3	
CODA0082	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/18/81-08/18/81	0	1	
CODA0097	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/03/80-08/13/81	0	3	
CODA0100	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/10/80-10/10/80	0	1	
CODA0102	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/01/80-08/11/81	0	3	
CODA0107	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/15/80-08/11/81	0	3	
CODA0110	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/01/80-08/11/81	0	3	
CODA0115	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/10/80-10/10/80	0	1	
CODA0117	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/08/80-08/14/81	0	3	
CODA0132	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/08/80-08/14/81	0	3	
CODA0043	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-06/17/72	0	2	
CODA0054	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/09/77-05/11/78	1	5	
CODA0070	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/13/70-09/23/76	6	51	
CODA0071	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	27	150	T,S
CODA0076	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/12/72	0	4	
CODA0079	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/20/72	0	4	
CODA0080	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-06/18/72	0	2	
CODA0081	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/25/72-12/14/72	0	4	
CODA0084	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/12/72	0	4	
CODA0088	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/12/72	0	4	
CODA0094	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/12/72	0	4	
CODA0095	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/12/72	0	4	
CODA0096	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/20/72	0	4	
CODA0098	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/03/79-10/03/79	0	1	
CODA0099	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/12/72	0	4	
CODA0101	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/23/72-12/12/72	0	4	
CODA0103	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/20/72	0	4	
CODA0105	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/26/72	12	41	
CODA0106	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/26/72	12	46	
CODA0108	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/20/72	0	4	
CODA0109	No	00440	BICARBONATE ION (MG/L AS HCO3)	12/20/72-12/20/72	0	1	
CODA0114	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/23/72-12/12/72	0	4	
CODA0116	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/23/72-12/12/72	0	4	
CODA0118	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/23/72-12/11/72	0	4	
CODA0123	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/04/79-10/04/79	0	1	
CODA0127	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/23/72-12/11/72	0	4	
CODA0133	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/23/72-12/11/72	0	4	
CODA0135	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/25/80-09/25/80	0	1	
CODA0136	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/23/72-12/11/72	0	4	
CODA0154	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	12	82	
CODA0155	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	12	85	
CODA0184	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	12	72	
CODA0185	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	12	64	
CODA0054	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/09/77-05/11/78	1	5	
CODA0070	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/12/71-06/24/76	4	4	
CODA0071	Yes	00445	CARBONATE ION (MG/L AS CO3)	12/11/48-06/24/76	27	19	S
CODA0076	No	00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	0	1	
CODA0079	No	00445	CARBONATE ION (MG/L AS CO3)	12/20/72-12/20/72	0	1	
CODA0081	No	00445	CARBONATE ION (MG/L AS CO3)	12/14/72-12/14/72	0	1	
CODA0084	Yes	00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	0	1	
CODA0088	No	00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	0	1	
CODA0094	No	00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	0	1	
CODA0095	No	00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	0	1	
CODA0096	No	00445	CARBONATE ION (MG/L AS CO3)	12/20/72-12/20/72	0	1	
CODA0098	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/79-10/03/79	0	1	
CODA0099	No	00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	0	1	
CODA0101	No	00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	0	1	
CODA0103	No	00445	CARBONATE ION (MG/L AS CO3)	12/20/72-12/20/72	0	1	
CODA0105	No	00445	CARBONATE ION (MG/L AS CO3)	07/27/60-03/22/66	5	22	
CODA0106	No	00445	CARBONATE ION (MG/L AS CO3)	03/22/66-10/19/71	5	4	
CODA0108	No	00445	CARBONATE ION (MG/L AS CO3)	12/20/72-12/20/72	0	1	
CODA0109	No	00445	CARBONATE ION (MG/L AS CO3)	12/20/72-12/20/72	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0114	No	00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	0	1	
CODA0116	No	00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	0	1	
CODA0118	No	00445	CARBONATE ION (MG/L AS CO3)	12/11/72-12/11/72	0	1	
CODA0123	No	00445	CARBONATE ION (MG/L AS CO3)	10/04/79-10/04/79	0	1	
CODA0127	No	00445	CARBONATE ION (MG/L AS CO3)	12/11/72-12/11/72	0	1	
CODA0133	No	00445	CARBONATE ION (MG/L AS CO3)	12/11/72-12/11/72	0	1	
CODA0135	No	00445	CARBONATE ION (MG/L AS CO3)	09/25/80-09/25/80	0	1	
CODA0136	No	00445	CARBONATE ION (MG/L AS CO3)	12/11/72-12/11/72	0	1	
CODA0154	No	00445	CARBONATE ION (MG/L AS CO3)	07/27/60-10/20/71	11	67	
CODA0155	No	00445	CARBONATE ION (MG/L AS CO3)	07/27/60-08/23/70	10	43	
CODA0184	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/27/60-10/20/71	11	59	
CODA0185	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/27/60-08/23/70	10	37	
CODA0008	No	00500	RESIDUE, TOTAL (MG/L)	09/14/72-09/15/72	0	2	
CODA0069	Yes	00500	RESIDUE, TOTAL (MG/L)	10/20/76-09/09/77	0	9	
CODA0008	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/14/72-09/15/72	0	2	
CODA0054	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/17/77-05/02/78	0	4	
CODA0021	No	00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	04/30/80-11/17/80	0	4	
CODA0013	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/26/86-09/26/86	0	2	
CODA0021	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/24/84-07/22/85	0	12	
CODA0023	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/86-05/13/86	0	2	
CODA0030	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/05/90-09/10/92	1	21	
CODA0041	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/79-08/21/80	0	32	
CODA0051	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/79-08/21/80	0	22	
CODA0052	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/79-08/21/80	0	41	
CODA0053	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/79-08/21/80	0	28	
CODA0054	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/20/78-08/21/80	2	21	
CODA0064	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/86-09/26/86	0	4	
CODA0067	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/16/80-08/21/80	0	31	
CODA0069	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/20/76-09/09/77	0	9	
CODA0071	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	13	151	A
CODA0093	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/14/86-08/27/86	0	2	
CODA0105	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/80-09/11/91	11	128	
CODA0111	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/86-08/26/86	0	2	
CODA0125	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/23/86-09/23/86	0	2	
CODA0128	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/14/86-08/27/86	0	2	
CODA0148	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/86-05/13/86	0	1	
CODA0153	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/26/86-08/26/86	0	1	
CODA0155	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	12	119	
CODA0171	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/24/86-09/24/86	0	2	
CODA0173	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/14/86-05/14/86	0	1	
CODA0185	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	12	117	
CODA0186	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/26/86-08/26/86	0	1	
CODA0193	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/14/86-08/27/86	0	2	
CODA0197	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/14/86-09/24/86	0	6	
CODA0070	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	10/22/75-09/16/76	0	23	
CODA0154	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/07/76-06/07/76	0	1	
CODA0021	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	05/20/05-06/24/85	80	3	
CODA0043	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-06/17/72	0	2	
CODA0070	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/11/72-09/16/76	4	30	
CODA0076	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0079	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0080	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-06/18/72	0	2	
CODA0081	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/14/72-12/14/72	0	2	
CODA0084	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	3	
CODA0088	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0094	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0095	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0096	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0099	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0101	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/23/72-12/12/72	0	4	
CODA0103	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0105	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/21/78-09/26/79	0	6	
CODA0106	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/12/71-09/26/72	0	22	
CODA0108	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/20/72	0	3	
CODA0109	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/20/72-12/20/72	0	1	
CODA0114	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/23/72-12/12/72	0	4	
CODA0116	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/23/72-12/12/72	0	3	
CODA0118	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/11/72-12/11/72	0	1	
CODA0127	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/11/72-12/11/72	0	1	
CODA0133	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/11/72-12/11/72	0	1	
CODA0136	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/11/72-12/11/72	0	1	
CODA0154	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/12/72-09/27/72	0	3	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0184	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/12/72-09/27/72	0	3	
CODA0021	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/20/05-05/20/85	80	2	
CODA0021	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/20/05-06/24/85	80	13	
CODA0001	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/22/70-10/13/70	0	5	
CODA0003	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/70-10/13/70	0	6	
CODA0006	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/70-10/13/70	0	6	
CODA0008	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/17/71-11/17/71	0	1	
CODA0016	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/70-10/27/70	0	8	
CODA0017	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/70-10/13/70	0	7	
CODA0030	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/90-09/10/92	1	21	
CODA0033	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/70-10/27/70	0	8	
CODA0034	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/70-10/27/70	0	8	
CODA0041	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/15/78-08/15/83	5	61	
CODA0042	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/70-10/27/70	0	8	
CODA0043	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-06/17/72	0	2	
CODA0045	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/70-10/27/70	0	8	
CODA0046	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/75-09/10/75	0	16	
CODA0051	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/78-12/17/86	8	55	
CODA0052	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/15/78-12/17/86	8	84	
CODA0053	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/30/78-08/21/80	2	63	
CODA0054	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/09/77-08/21/80	3	42	
CODA0067	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/16/80-08/15/83	3	34	
CODA0069	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/71-09/09/77	5	10	
CODA0070	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/18/80	8	83	
CODA0071	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	19	202	A
CODA0076	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0078	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/80-08/11/81	0	3	
CODA0079	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0080	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-06/18/72	0	2	
CODA0081	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/72-12/14/72	0	4	
CODA0082	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/18/81-08/18/81	0	1	
CODA0084	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0088	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0094	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0095	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0096	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0097	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/80-08/13/81	0	3	
CODA0098	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/79-10/03/79	0	1	
CODA0099	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0100	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/10/80-10/10/80	0	1	
CODA0101	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/23/72-12/12/72	0	4	
CODA0102	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/01/80-08/11/81	0	3	
CODA0103	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0105	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	19	189	A
CODA0106	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/02/80	8	65	
CODA0107	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/80-08/11/81	0	3	
CODA0108	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0109	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/20/72-12/20/72	0	1	
CODA0110	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/01/80-08/11/81	0	3	
CODA0114	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/23/72-12/12/72	0	4	
CODA0115	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/10/80-10/10/80	0	1	
CODA0116	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/23/72-12/12/72	0	3	
CODA0117	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/80-08/14/81	0	3	
CODA0118	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/23/72-12/11/72	0	4	
CODA0123	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/79-10/04/79	0	1	
CODA0127	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/23/72-12/11/72	0	4	
CODA0132	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/80-08/14/81	0	3	
CODA0133	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/23/72-12/11/72	0	4	
CODA0135	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/25/80-09/25/80	0	1	
CODA0136	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/23/72-12/11/72	0	4	
CODA0154	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	8	68	
CODA0155	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	19	169	A
CODA0166	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/17/71-11/17/71	0	1	
CODA0179	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/17/71-11/17/71	0	1	
CODA0184	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	8	70	
CODA0185	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	19	169	A
CODA0021	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/20/05-06/24/85	80	13	
CODA0030	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/05/90-09/10/92	1	21	
CODA0043	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/24/72-06/17/72	0	2	
CODA0070	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/71-09/26/72	0	22	
CODA0071	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/15/88-11/14/90	2	30	
CODA0076	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/24/72-12/12/72	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0081	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/25/72-12/14/72	0	4	
CODA0084	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0094	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0101	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/12/72	0	4	
CODA0105	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/15/88-09/11/91	3	39	
CODA0109	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/72-12/20/72	0	1	
CODA0114	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/12/72	0	4	
CODA0116	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/12/72	0	4	
CODA0118	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-09/11/72	0	3	
CODA0127	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/11/72	0	4	
CODA0133	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/11/72	0	4	
CODA0136	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/11/72	0	4	
CODA0154	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/71-09/27/72	0	17	
CODA0155	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/88-11/07/90	2	26	
CODA0184	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/71-09/27/72	0	17	
CODA0185	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/88-11/07/90	2	24	
CODA0008	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/17/71-11/17/71	0	1	
CODA0041	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/15/78-08/21/80	2	58	
CODA0051	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/78-08/21/80	2	38	
CODA0052	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/15/78-08/21/80	2	66	
CODA0053	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/30/78-08/21/80	2	61	
CODA0054	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/09/77-08/21/80	3	41	
CODA0067	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/16/80-08/21/80	0	31	
CODA0069	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/16/71-02/25/77	5	2	
CODA0070	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/23/74-08/20/75	0	4	
CODA0071	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	16	111	
CODA0078	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/15/80-08/11/81	0	3	
CODA0079	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0080	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/24/72-06/18/72	0	2	
CODA0082	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/18/81-08/18/81	0	1	
CODA0088	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0095	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0096	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0097	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/80-08/13/81	0	3	
CODA0098	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/79-10/03/79	0	1	
CODA0099	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0100	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/10/80-10/10/80	0	1	
CODA0102	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/01/80-08/11/81	0	3	
CODA0103	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0105	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	16	102	
CODA0106	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-09/26/72	0	22	
CODA0107	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/15/80-08/11/81	0	3	
CODA0108	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0110	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/01/80-08/11/81	0	3	
CODA0115	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/10/80-10/10/80	0	1	
CODA0117	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/08/80-08/14/81	0	3	
CODA0123	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/04/79-10/04/79	0	1	
CODA0132	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/08/80-08/14/81	0	3	
CODA0135	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/25/80-09/25/80	0	1	
CODA0141	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/12/74-09/12/74	0	1	
CODA0142	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/12/74-09/12/74	0	1	
CODA0155	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	16	90	
CODA0166	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/17/71-11/17/71	0	1	
CODA0179	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/17/71-11/17/71	0	1	
CODA0185	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	16	90	
CODA0043	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/24/72-06/17/72	0	2	
CODA0070	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/71-09/26/72	0	22	
CODA0076	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0081	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/25/72-12/14/72	0	4	
CODA0084	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0094	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0101	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/12/72	0	4	
CODA0109	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/72-12/20/72	0	1	
CODA0114	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/12/72	0	4	
CODA0116	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/12/72	0	4	
CODA0118	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/11/72	0	4	
CODA0127	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/11/72	0	4	
CODA0133	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/11/72	0	4	
CODA0136	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/11/72	0	4	
CODA0154	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/71-09/27/72	0	17	
CODA0184	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/71-09/27/72	0	17	
CODA0001	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/22/70-10/27/70	0	9	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0003	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/70-10/27/70	0	11	
CODA0006	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/70-10/27/70	0	10	
CODA0008	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/17/71-09/15/72	0	2	
CODA0016	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/70-10/27/70	0	11	
CODA0017	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/70-10/27/70	0	11	
CODA0033	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/70-10/27/70	0	11	
CODA0034	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/70-10/27/70	0	10	
CODA0041	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/15/78-08/21/80	2	58	
CODA0042	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/70-10/27/70	0	11	
CODA0045	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/70-10/27/70	0	10	
CODA0051	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/78-08/21/80	2	36	
CODA0052	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/15/78-08/21/80	2	65	
CODA0053	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/30/78-08/21/80	2	63	
CODA0054	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/09/77-08/21/80	3	42	
CODA0067	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/16/80-08/21/80	0	31	
CODA0069	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/16/71-06/16/77	5	2	
CODA0070	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/23/74-08/20/75	0	4	
CODA0071	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	38	206	T,A,S
CODA0078	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/15/80-08/11/81	0	3	
CODA0079	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0080	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/24/72-06/18/72	0	2	
CODA0082	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/18/81-08/18/81	0	1	
CODA0088	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0095	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0096	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0097	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/03/80-08/13/81	0	3	
CODA0098	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/03/79-10/03/79	0	1	
CODA0099	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0100	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/10/80-10/10/80	0	1	
CODA0102	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/80-08/11/81	0	3	
CODA0103	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0105	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	27	122	S
CODA0106	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/26/72	12	47	
CODA0107	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/15/80-08/11/81	0	3	
CODA0108	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0110	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/80-08/11/81	0	3	
CODA0115	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/10/80-10/10/80	0	1	
CODA0117	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/08/80-08/14/81	0	3	
CODA0123	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/79-10/04/79	0	1	
CODA0132	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/08/80-08/14/81	0	3	
CODA0135	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/25/80-09/25/80	0	1	
CODA0137	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/21/76-11/08/77	1	4	
CODA0138	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/21/76-11/08/77	1	4	
CODA0155	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	26	136	T,S
CODA0166	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/17/71-11/17/71	0	1	
CODA0179	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/17/71-11/17/71	0	1	
CODA0185	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	26	133	S
CODA0021	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/20/05-07/22/85	80	14	
CODA0001	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/22/70-10/13/70	0	5	
CODA0003	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/06/70-10/13/70	0	6	
CODA0006	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/06/70-10/13/70	0	6	
CODA0008	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/17/71-11/17/71	0	1	
CODA0016	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/06/70-10/27/70	0	8	
CODA0017	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/06/70-10/13/70	0	7	
CODA0033	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/06/70-10/27/70	0	8	
CODA0034	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/06/70-10/27/70	0	8	
CODA0041	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/15/83-08/15/83	0	3	
CODA0042	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/06/70-10/27/70	0	8	
CODA0043	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-06/17/72	0	2	
CODA0045	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/06/70-10/27/70	0	8	
CODA0046	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/75-09/10/75	0	16	
CODA0051	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/15/83-12/17/86	3	17	
CODA0052	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/15/83-12/17/86	3	18	
CODA0067	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/15/83-08/15/83	0	3	
CODA0069	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/16/71-09/09/77	5	8	
CODA0070	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/71-09/16/76	4	49	
CODA0071	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/71-03/15/78	6	50	
CODA0076	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0078	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/80-08/11/81	0	3	
CODA0079	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0080	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-06/18/72	0	2	
CODA0081	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/72-12/14/72	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0082	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/81-08/18/81	0	1	
CODA0084	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0088	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0094	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0095	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0096	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0097	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/80-08/13/81	0	3	
CODA0098	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/79-10/03/79	0	1	
CODA0099	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/12/72	0	4	
CODA0100	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/10/80-10/10/80	0	1	
CODA0101	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/72-12/12/72	0	4	
CODA0102	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/01/80-08/11/81	0	3	
CODA0103	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/20/72	0	4	
CODA0105	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/71-09/26/72	0	19	
CODA0106	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/71-09/26/72	0	22	
CODA0107	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/80-08/11/81	0	3	
CODA0108	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/20/72	0	3	
CODA0109	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/72-12/20/72	0	1	
CODA0110	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/01/80-08/11/81	0	3	
CODA0114	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/72-12/12/72	0	4	
CODA0115	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/10/80-10/10/80	0	1	
CODA0116	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/72-12/12/72	0	4	
CODA0117	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/08/80-08/14/81	0	3	
CODA0118	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/72-12/11/72	0	4	
CODA0123	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/04/79-10/04/79	0	1	
CODA0127	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/72-12/11/72	0	4	
CODA0132	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/08/80-08/14/81	0	3	
CODA0133	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/72-12/11/72	0	4	
CODA0135	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/25/80-09/25/80	0	1	
CODA0136	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/72-12/11/72	0	4	
CODA0154	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/71-09/27/72	0	17	
CODA0155	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/71-09/27/72	0	17	
CODA0166	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/17/71-11/17/71	0	1	
CODA0179	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/17/71-11/17/71	0	1	
CODA0184	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/71-09/27/72	0	17	
CODA0185	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/71-04/07/82	10	36	
CODA0041	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	06/15/78-08/21/80	2	57	
CODA0051	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	08/11/78-08/21/80	2	38	
CODA0052	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	06/15/78-08/21/80	2	65	
CODA0053	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	06/30/78-08/21/80	2	63	
CODA0054	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	05/09/77-08/21/80	3	40	
CODA0067	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	05/16/80-08/21/80	0	31	
CODA0030	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/05/90-09/10/92	1	21	
CODA0046	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/03/75-09/10/75	0	16	
CODA0069	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/20/76-09/09/77	0	7	
CODA0070	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/75-06/18/80	4	57	
CODA0071	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/75-11/14/90	15	96	
CODA0105	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-09/11/91	16	92	
CODA0106	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-06/02/80	5	43	
CODA0154	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-06/11/80	5	50	
CODA0155	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	16	86	
CODA0184	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-06/11/80	5	52	
CODA0185	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	16	86	
CODA0021	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/20/05-06/24/85	80	17	
CODA0032	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/08/88-09/08/88	0	1	
CODA0041	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/15/83-08/15/83	0	3	
CODA0051	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/15/83-12/17/86	3	17	
CODA0052	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/15/83-12/17/86	3	18	
CODA0067	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/15/83-08/15/83	0	3	
CODA0070	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/25/79-06/06/79	0	2	
CODA0106	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/08/79-05/08/79	0	1	
CODA0154	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/27/60-07/10/79	18	44	
CODA0155	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/02/64-09/21/65	0	5	
CODA0184	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/27/60-07/10/79	18	25	
CODA0070	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/11/72-06/18/80	7	64	
CODA0076	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/72-12/12/72	0	1	
CODA0079	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/72-12/20/72	0	3	
CODA0080	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/72-06/18/72	0	1	
CODA0081	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/14/72-12/14/72	0	2	
CODA0084	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/72-12/12/72	0	1	
CODA0088	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/72-12/12/72	0	3	
CODA0094	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/72-12/12/72	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0095	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/72-12/12/72	0	3	
CODA0096	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/16/72-12/20/72	0	3	
CODA0099	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/72-12/12/72	0	3	
CODA0101	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/72-12/12/72	0	1	
CODA0103	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/16/72-12/20/72	0	3	
CODA0105	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/27/60-09/14/78	18	26	
CODA0106	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/12/71-06/02/80	8	62	
CODA0108	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/16/72-12/20/72	0	3	
CODA0109	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/20/72-12/20/72	0	1	
CODA0114	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/72-12/12/72	0	1	
CODA0116	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/72-12/12/72	0	1	
CODA0118	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/11/72-12/11/72	0	1	
CODA0127	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/11/72-12/11/72	0	1	
CODA0133	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/11/72-12/11/72	0	1	
CODA0136	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/11/72-12/11/72	0	1	
CODA0137	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/08/74-11/08/77	3	4	
CODA0138	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/08/74-11/08/77	3	4	
CODA0141	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/12/74-09/12/74	0	1	
CODA0142	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/12/74-09/12/74	0	1	
CODA0154	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/03/61-06/11/80	18	58	
CODA0155	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/27/60-06/19/64	3	43	
CODA0184	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/17/62-06/11/80	17	68	
CODA0185	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/27/60-09/21/65	5	37	
CODA0001	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/70-11/24/70	0	10	
CODA0003	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/70-11/24/70	0	11	
CODA0006	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/70-11/24/70	0	12	
CODA0008	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/14/72-09/15/72	0	2	
CODA0016	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/70-11/24/70	0	13	
CODA0017	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/70-11/24/70	0	12	
CODA0030	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/05/90-09/10/92	1	21	
CODA0033	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/70-11/24/70	0	12	
CODA0034	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/70-11/24/70	0	12	
CODA0041	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/78-08/15/83	5	61	
CODA0042	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/70-11/24/70	0	12	
CODA0043	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-06/17/72	0	2	
CODA0045	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/70-11/24/70	0	12	
CODA0046	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/75-09/10/75	0	16	
CODA0051	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/11/78-12/17/86	8	55	
CODA0052	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/78-12/17/86	8	84	
CODA0053	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/78-08/21/80	2	63	
CODA0054	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/09/77-08/21/80	3	42	
CODA0067	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/16/80-08/15/83	3	34	
CODA0069	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/71-09/09/77	5	10	
CODA0070	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/18/80	8	82	
CODA0071	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	19	198	A
CODA0076	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/12/72	0	4	
CODA0078	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/80-08/11/81	0	3	
CODA0079	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/20/72	0	4	
CODA0080	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-06/18/72	0	2	
CODA0081	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/25/72-12/14/72	0	4	
CODA0082	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/81-08/18/81	0	1	
CODA0084	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/12/72	0	4	
CODA0088	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/12/72	0	4	
CODA0094	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/12/72	0	4	
CODA0095	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/12/72	0	4	
CODA0096	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/20/72	0	4	
CODA0097	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/80-08/13/81	0	3	
CODA0098	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/79-10/03/79	0	1	
CODA0099	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/12/72	0	4	
CODA0100	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/10/80-10/10/80	0	1	
CODA0101	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/23/72-12/12/72	0	3	
CODA0102	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/01/80-08/11/81	0	3	
CODA0103	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/20/72	0	4	
CODA0105	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	19	185	A
CODA0106	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/02/80	8	63	
CODA0107	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/80-08/11/81	0	3	
CODA0108	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/20/72	0	4	
CODA0109	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/72-12/20/72	0	1	
CODA0110	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/01/80-08/11/81	0	3	
CODA0114	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/23/72-12/12/72	0	4	
CODA0115	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/10/80-10/10/80	0	1	
CODA0116	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/23/72-12/12/72	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0117	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/80-08/14/81	0	3	
CODA0118	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/23/72-12/11/72	0	4	
CODA0123	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/79-10/04/79	0	1	
CODA0127	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/23/72-12/11/72	0	4	
CODA0132	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/80-08/14/81	0	3	
CODA0133	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/23/72-12/11/72	0	4	
CODA0135	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/25/80-09/25/80	0	1	
CODA0136	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/23/72-12/11/72	0	4	
CODA0154	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	8	68	
CODA0155	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	19	169	A
CODA0166	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/17/71-11/17/71	0	1	
CODA0179	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/17/71-11/17/71	0	1	
CODA0184	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	8	69	
CODA0185	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	19	166	A
CODA0001	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/22/70-11/24/70	0	10	
CODA0003	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/70-11/24/70	0	12	
CODA0006	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/70-11/24/70	0	11	
CODA0016	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/70-11/24/70	0	12	
CODA0017	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/70-11/24/70	0	12	
CODA0033	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/70-11/24/70	0	12	
CODA0034	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/70-11/24/70	0	10	
CODA0042	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/70-11/24/70	0	12	
CODA0045	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/70-11/24/70	0	11	
CODA0001	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	0	9	
CODA0003	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	0	10	
CODA0006	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	0	8	
CODA0008	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/17/71-11/17/71	0	1	
CODA0016	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	0	8	
CODA0017	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	0	10	
CODA0030	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/05/90-09/10/92	1	21	
CODA0033	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/21/70-11/24/70	0	9	
CODA0034	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	0	9	
CODA0041	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/15/78-08/15/83	5	61	
CODA0042	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/21/70-11/24/70	0	10	
CODA0043	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-06/17/72	0	1	
CODA0045	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/21/70-11/24/70	0	9	
CODA0046	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/03/75-09/10/75	0	16	
CODA0051	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/11/78-12/17/86	8	55	
CODA0052	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/15/78-12/17/86	8	84	
CODA0053	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/78-08/21/80	2	63	
CODA0054	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/09/77-08/21/80	3	42	
CODA0067	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/16/80-08/15/83	3	34	
CODA0069	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/16/71-09/09/77	5	6	
CODA0070	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/18/80	8	83	
CODA0071	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	19	200	A
CODA0076	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/12/72	0	3	
CODA0079	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/72-12/20/72	0	3	
CODA0080	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/72-06/18/72	0	1	
CODA0081	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/15/72-12/14/72	0	3	
CODA0084	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/12/72	0	3	
CODA0088	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/72-12/12/72	0	3	
CODA0094	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/12/72	0	3	
CODA0095	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/72-12/12/72	0	3	
CODA0096	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/16/72-12/20/72	0	3	
CODA0099	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/72-12/12/72	0	3	
CODA0101	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/12/72	0	2	
CODA0103	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/16/72-12/20/72	0	3	
CODA0105	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	19	186	A
CODA0106	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/02/80	8	62	
CODA0108	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/16/72-12/20/72	0	3	
CODA0109	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/72-12/20/72	0	1	
CODA0114	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/12/72	0	3	
CODA0116	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/12/72	0	3	
CODA0118	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/11/72	0	3	
CODA0127	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/11/72	0	3	
CODA0133	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/11/72	0	3	
CODA0136	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/11/72	0	3	
CODA0154	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	8	68	
CODA0155	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	19	171	A
CODA0166	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/17/71-11/17/71	0	1	
CODA0179	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/17/71-11/17/71	0	1	
CODA0184	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	8	70	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0185	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	19	170	A
CODA0021	No	00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	05/20/05-07/22/85	80	14	
CODA0008	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/10/71-09/27/72	0	19	
CODA0069	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/09/71-08/19/77	5	24	
CODA0166	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/10/71-09/27/72	0	14	
CODA0179	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/10/71-09/27/72	0	14	
CODA0008	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	11/10/71-09/27/72	0	18	
CODA0069	Yes	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	11/09/71-09/26/72	0	18	
CODA0166	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	11/10/71-09/27/72	0	15	
CODA0179	No	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	11/10/71-09/27/72	0	15	
CODA0008	No	00690	CARBON, TOTAL (MG/L AS C)	11/10/71-09/27/72	0	19	
CODA0069	Yes	00690	CARBON, TOTAL (MG/L AS C)	11/09/71-09/26/72	0	19	
CODA0166	No	00690	CARBON, TOTAL (MG/L AS C)	11/10/71-09/27/72	0	15	
CODA0179	No	00690	CARBON, TOTAL (MG/L AS C)	11/10/71-09/27/72	0	15	
CODA0078	Yes	00745	SULFIDE, TOTAL (MG/L AS S)	10/15/80-08/11/81	0	3	
CODA0082	No	00745	SULFIDE, TOTAL (MG/L AS S)	08/18/81-08/18/81	0	1	
CODA0097	No	00745	SULFIDE, TOTAL (MG/L AS S)	10/03/80-08/13/81	0	3	
CODA0100	No	00745	SULFIDE, TOTAL (MG/L AS S)	10/10/80-10/10/80	0	1	
CODA0102	No	00745	SULFIDE, TOTAL (MG/L AS S)	10/01/80-08/11/81	0	3	
CODA0107	No	00745	SULFIDE, TOTAL (MG/L AS S)	10/15/80-08/11/81	0	3	
CODA0110	No	00745	SULFIDE, TOTAL (MG/L AS S)	10/01/80-08/11/81	0	3	
CODA0115	No	00745	SULFIDE, TOTAL (MG/L AS S)	10/10/80-10/10/80	0	1	
CODA0117	No	00745	SULFIDE, TOTAL (MG/L AS S)	10/08/80-08/14/81	0	3	
CODA0132	No	00745	SULFIDE, TOTAL (MG/L AS S)	10/08/80-08/14/81	0	3	
CODA0172	Yes	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/26/68-06/27/68	0	3	
CODA0013	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/26/86-09/26/86	0	2	
CODA0021	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/30/80-11/17/80	0	4	
CODA0023	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/86-05/13/86	0	2	
CODA0030	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/05/90-09/04/91	0	9	
CODA0043	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-06/17/72	0	2	
CODA0064	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/15/86-09/26/86	0	4	
CODA0070	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/70-09/23/76	6	51	
CODA0071	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	27	149	T,S
CODA0076	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0079	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/20/72	0	4	
CODA0080	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-06/18/72	0	2	
CODA0081	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/25/72-12/14/72	0	4	
CODA0084	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0088	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0093	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/14/86-08/27/86	0	2	
CODA0094	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0095	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0096	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/20/72	0	4	
CODA0099	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0101	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/72-12/12/72	0	4	
CODA0103	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/20/72	0	4	
CODA0105	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/26/72	12	42	
CODA0106	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/26/72	12	45	
CODA0108	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/20/72	0	4	
CODA0109	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/72-12/20/72	0	1	
CODA0111	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/86-08/26/86	0	2	
CODA0114	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/72-12/12/72	0	4	
CODA0116	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/72-12/12/72	0	4	
CODA0118	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/72-12/11/72	0	4	
CODA0125	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/23/86-09/23/86	0	2	
CODA0127	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/72-12/11/72	0	4	
CODA0128	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/14/86-08/27/86	0	2	
CODA0133	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/72-12/11/72	0	4	
CODA0136	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/72-12/11/72	0	4	
CODA0137	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/08/74-11/08/74	0	1	
CODA0138	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/08/74-11/08/74	0	1	
CODA0141	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/12/74-09/12/74	0	1	
CODA0142	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/12/74-09/12/74	0	1	
CODA0148	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/86-05/13/86	0	1	
CODA0153	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/86-08/26/86	0	1	
CODA0154	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	12	82	
CODA0155	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	27	86	S
CODA0171	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/24/86-09/24/86	0	2	
CODA0173	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/14/86-05/14/86	0	1	
CODA0184	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	12	72	
CODA0185	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-06/06/90	29	65	S
CODA0186	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/86-08/26/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0193	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/14/86-08/27/86	0	2	
CODA0197	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/14/86-09/24/86	0	6	
CODA0021	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/30/80-11/17/80	0	4	
CODA0043	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-06/17/72	0	2	
CODA0070	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/13/70-09/23/76	6	51	
CODA0071	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	27	149	T,S
CODA0076	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0079	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/20/72	0	4	
CODA0080	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-06/18/72	0	2	
CODA0081	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/25/72-12/14/72	0	4	
CODA0084	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0088	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0094	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0095	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0096	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/20/72	0	4	
CODA0099	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/12/72	0	4	
CODA0101	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/23/72-12/12/72	0	4	
CODA0103	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/20/72	0	4	
CODA0105	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/12/72	12	40	
CODA0106	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/26/72	12	45	
CODA0108	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/20/72	0	4	
CODA0109	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/20/72-12/20/72	0	1	
CODA0114	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/23/72-12/12/72	0	4	
CODA0116	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/23/72-12/12/72	0	4	
CODA0118	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/23/72-12/11/72	0	4	
CODA0127	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/23/72-12/11/72	0	4	
CODA0133	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/23/72-12/11/72	0	4	
CODA0136	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/23/72-12/11/72	0	4	
CODA0154	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	12	82	
CODA0155	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	12	84	
CODA0184	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	12	73	
CODA0185	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	12	63	
CODA0021	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/30/80-07/22/85	5	17	
CODA0032	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/08/88-09/08/88	0	1	
CODA0043	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-06/17/72	0	2	
CODA0054	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/09/77-05/11/78	1	5	
CODA0070	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/13/70-09/23/76	6	51	
CODA0071	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	27	148	T,S
CODA0076	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/12/72	0	4	
CODA0079	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/20/72	0	4	
CODA0080	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-06/18/72	0	2	
CODA0081	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/25/72-12/14/72	0	4	
CODA0084	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/12/72	0	4	
CODA0088	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/12/72	0	4	
CODA0094	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/12/72	0	4	
CODA0095	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/12/72	0	4	
CODA0096	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/20/72	0	4	
CODA0099	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/12/72	0	4	
CODA0101	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/72-12/12/72	0	4	
CODA0103	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/20/72	0	4	
CODA0105	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/26/72	12	41	
CODA0106	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/26/72	12	45	
CODA0108	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/20/72	0	4	
CODA0109	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/20/72-12/20/72	0	1	
CODA0114	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/72-12/12/72	0	4	
CODA0116	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/72-12/12/72	0	4	
CODA0118	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/72-12/11/72	0	4	
CODA0127	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/72-12/11/72	0	4	
CODA0133	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/72-12/11/72	0	4	
CODA0136	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/72-12/11/72	0	4	
CODA0154	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	12	82	
CODA0155	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	12	85	
CODA0184	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	12	73	
CODA0185	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	12	64	
CODA0078	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	10/15/80-08/11/81	0	3	
CODA0082	No	00916	CALCIUM, TOTAL (MG/L AS CA)	08/18/81-08/18/81	0	1	
CODA0097	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/03/80-08/13/81	0	3	
CODA0098	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/03/79-10/03/79	0	1	
CODA0100	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/10/80-10/10/80	0	1	
CODA0102	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/01/80-08/11/81	0	3	
CODA0107	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/15/80-08/11/81	0	3	
CODA0110	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/01/80-08/11/81	0	3	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0115	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/10/80-10/10/80	0	1	
CODA0117	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/08/80-08/14/81	0	3	
CODA0123	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/04/79-10/04/79	0	1	
CODA0132	No	00916	CALCIUM, TOTAL (MG/L AS CA)	10/08/80-08/14/81	0	3	
CODA0135	No	00916	CALCIUM, TOTAL (MG/L AS CA)	09/25/80-09/25/80	0	1	
CODA0021	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/30/80-07/22/85	5	17	
CODA0032	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/08/88-09/08/88	0	1	
CODA0043	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-06/17/72	0	2	
CODA0054	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/09/77-05/11/78	1	5	
CODA0070	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/13/70-09/23/76	6	51	
CODA0071	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	27	148	T,S
CODA0076	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/12/72	0	4	
CODA0079	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/20/72	0	4	
CODA0080	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-06/18/72	0	2	
CODA0081	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/25/72-12/14/72	0	4	
CODA0084	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/12/72	0	4	
CODA0088	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/12/72	0	4	
CODA0094	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/12/72	0	4	
CODA0095	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/12/72	0	4	
CODA0096	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/20/72	0	4	
CODA0099	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/12/72	0	4	
CODA0101	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/72-12/12/72	0	4	
CODA0103	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/20/72	0	4	
CODA0105	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/26/72	12	41	
CODA0106	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/26/72	12	45	
CODA0108	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/20/72	0	4	
CODA0109	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/20/72-12/20/72	0	1	
CODA0114	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/72-12/12/72	0	4	
CODA0116	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/72-12/12/72	0	4	
CODA0118	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/72-12/11/72	0	4	
CODA0127	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/72-12/11/72	0	4	
CODA0133	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/72-12/11/72	0	4	
CODA0136	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/72-12/11/72	0	4	
CODA0154	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	12	82	
CODA0155	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	12	85	
CODA0184	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	12	73	
CODA0185	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	12	64	
CODA0078	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/15/80-08/11/81	0	3	
CODA0082	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/18/81-08/18/81	0	1	
CODA0097	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/03/80-08/13/81	0	3	
CODA0098	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/03/79-10/03/79	0	1	
CODA0100	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/10/80-10/10/80	0	1	
CODA0102	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/01/80-08/11/81	0	3	
CODA0107	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/15/80-08/11/81	0	3	
CODA0110	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/01/80-08/11/81	0	3	
CODA0115	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/10/80-10/10/80	0	1	
CODA0117	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/08/80-08/14/81	0	3	
CODA0123	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/04/79-10/04/79	0	1	
CODA0132	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/08/80-08/14/81	0	3	
CODA0135	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/25/80-09/25/80	0	1	
CODA0078	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	10/15/80-08/11/81	0	3	
CODA0082	No	00929	SODIUM, TOTAL (MG/L AS NA)	08/18/81-08/18/81	0	1	
CODA0097	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/03/80-08/13/81	0	3	
CODA0098	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/03/79-10/03/79	0	1	
CODA0100	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/10/80-10/10/80	0	1	
CODA0102	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/01/80-08/11/81	0	3	
CODA0107	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/15/80-08/11/81	0	3	
CODA0110	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/01/80-08/11/81	0	3	
CODA0115	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/10/80-10/10/80	0	1	
CODA0117	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/08/80-08/14/81	0	3	
CODA0123	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/04/79-10/04/79	0	1	
CODA0132	No	00929	SODIUM, TOTAL (MG/L AS NA)	10/08/80-08/14/81	0	3	
CODA0135	No	00929	SODIUM, TOTAL (MG/L AS NA)	09/25/80-09/25/80	0	1	
CODA0021	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/30/80-07/22/85	5	17	
CODA0032	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/08/88-09/08/88	0	1	
CODA0043	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-06/17/72	0	2	
CODA0054	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/09/77-05/11/78	1	5	
CODA0070	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/13/70-09/23/76	6	51	
CODA0071	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	27	130	S
CODA0076	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/12/72	0	4	
CODA0079	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/20/72	0	4	
CODA0080	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-06/18/72	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0081	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/25/72-12/14/72	0	4	
CODA0084	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/12/72	0	4	
CODA0088	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/12/72	0	4	
CODA0094	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/12/72	0	4	
CODA0095	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/12/72	0	4	
CODA0096	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/20/72	0	4	
CODA0099	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/12/72	0	4	
CODA0101	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/72-12/12/72	0	4	
CODA0103	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/20/72	0	4	
CODA0105	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/26/72	12	41	
CODA0106	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/26/72	12	45	
CODA0108	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/20/72	0	4	
CODA0109	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/20/72-12/20/72	0	1	
CODA0114	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/72-12/12/72	0	4	
CODA0116	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/72-12/12/72	0	4	
CODA0118	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/72-12/11/72	0	4	
CODA0127	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/72-12/11/72	0	4	
CODA0133	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/72-12/11/72	0	4	
CODA0136	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/72-12/11/72	0	4	
CODA0154	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	12	82	
CODA0155	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	12	85	
CODA0184	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	12	73	
CODA0185	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	12	64	
CODA0021	No	00931	SODIUM ADSORPTION RATIO	04/30/80-11/17/80	0	4	
CODA0043	No	00931	SODIUM ADSORPTION RATIO	03/24/72-06/17/72	0	2	
CODA0070	Yes	00931	SODIUM ADSORPTION RATIO	05/13/70-09/23/76	6	51	
CODA0071	Yes	00931	SODIUM ADSORPTION RATIO	10/12/71-09/26/72	0	22	
CODA0076	No	00931	SODIUM ADSORPTION RATIO	03/24/72-12/12/72	0	4	
CODA0079	No	00931	SODIUM ADSORPTION RATIO	03/24/72-12/20/72	0	4	
CODA0080	No	00931	SODIUM ADSORPTION RATIO	03/24/72-06/18/72	0	2	
CODA0081	No	00931	SODIUM ADSORPTION RATIO	03/25/72-12/14/72	0	4	
CODA0084	Yes	00931	SODIUM ADSORPTION RATIO	03/24/72-12/12/72	0	4	
CODA0088	No	00931	SODIUM ADSORPTION RATIO	03/24/72-12/12/72	0	4	
CODA0094	No	00931	SODIUM ADSORPTION RATIO	03/24/72-12/12/72	0	4	
CODA0095	No	00931	SODIUM ADSORPTION RATIO	03/24/72-12/12/72	0	4	
CODA0096	No	00931	SODIUM ADSORPTION RATIO	03/24/72-12/20/72	0	4	
CODA0099	No	00931	SODIUM ADSORPTION RATIO	03/24/72-12/12/72	0	4	
CODA0101	No	00931	SODIUM ADSORPTION RATIO	03/23/72-12/12/72	0	4	
CODA0103	No	00931	SODIUM ADSORPTION RATIO	03/24/72-12/20/72	0	4	
CODA0105	No	00931	SODIUM ADSORPTION RATIO	10/12/71-09/12/72	0	18	
CODA0106	No	00931	SODIUM ADSORPTION RATIO	07/27/60-09/26/72	12	45	
CODA0108	No	00931	SODIUM ADSORPTION RATIO	03/24/72-12/20/72	0	4	
CODA0109	No	00931	SODIUM ADSORPTION RATIO	12/20/72-12/20/72	0	1	
CODA0114	No	00931	SODIUM ADSORPTION RATIO	03/23/72-12/12/72	0	4	
CODA0116	No	00931	SODIUM ADSORPTION RATIO	03/23/72-12/12/72	0	4	
CODA0118	No	00931	SODIUM ADSORPTION RATIO	03/23/72-12/11/72	0	4	
CODA0127	No	00931	SODIUM ADSORPTION RATIO	03/23/72-12/11/72	0	4	
CODA0133	No	00931	SODIUM ADSORPTION RATIO	03/23/72-12/11/72	0	4	
CODA0136	No	00931	SODIUM ADSORPTION RATIO	03/23/72-12/11/72	0	4	
CODA0154	No	00931	SODIUM ADSORPTION RATIO	08/03/61-09/27/72	11	33	
CODA0155	No	00931	SODIUM ADSORPTION RATIO	03/17/64-09/27/72	8	23	
CODA0184	Yes	00931	SODIUM ADSORPTION RATIO	12/17/62-09/27/72	9	44	
CODA0185	Yes	00931	SODIUM ADSORPTION RATIO	10/13/71-09/27/72	0	16	
CODA0021	No	00932	SODIUM, PERCENT	04/30/80-11/17/80	0	4	
CODA0043	No	00932	SODIUM, PERCENT	03/24/72-06/17/72	0	2	
CODA0070	Yes	00932	SODIUM, PERCENT	05/13/70-09/23/76	6	51	
CODA0071	Yes	00932	SODIUM, PERCENT	10/12/71-09/26/72	0	22	
CODA0076	No	00932	SODIUM, PERCENT	03/24/72-12/12/72	0	4	
CODA0079	No	00932	SODIUM, PERCENT	03/24/72-12/20/72	0	4	
CODA0080	No	00932	SODIUM, PERCENT	03/24/72-06/18/72	0	2	
CODA0081	No	00932	SODIUM, PERCENT	03/25/72-12/14/72	0	4	
CODA0084	Yes	00932	SODIUM, PERCENT	03/24/72-12/12/72	0	4	
CODA0088	No	00932	SODIUM, PERCENT	03/24/72-12/12/72	0	4	
CODA0094	No	00932	SODIUM, PERCENT	03/24/72-12/12/72	0	4	
CODA0095	No	00932	SODIUM, PERCENT	03/24/72-12/12/72	0	4	
CODA0096	No	00932	SODIUM, PERCENT	03/24/72-12/20/72	0	4	
CODA0099	No	00932	SODIUM, PERCENT	03/24/72-12/12/72	0	4	
CODA0101	No	00932	SODIUM, PERCENT	03/23/72-12/12/72	0	4	
CODA0103	No	00932	SODIUM, PERCENT	03/24/72-12/20/72	0	4	
CODA0105	No	00932	SODIUM, PERCENT	10/12/71-09/12/72	0	18	
CODA0106	No	00932	SODIUM, PERCENT	07/27/60-09/26/72	12	45	
CODA0108	No	00932	SODIUM, PERCENT	03/24/72-12/20/72	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0109	No	00932	SODIUM, PERCENT	12/20/72-12/20/72	0	1	
CODA0114	No	00932	SODIUM, PERCENT	03/23/72-12/12/72	0	4	
CODA0116	No	00932	SODIUM, PERCENT	03/23/72-12/12/72	0	4	
CODA0118	No	00932	SODIUM, PERCENT	03/23/72-12/11/72	0	4	
CODA0127	No	00932	SODIUM, PERCENT	03/23/72-12/11/72	0	4	
CODA0133	No	00932	SODIUM, PERCENT	03/23/72-12/11/72	0	4	
CODA0136	No	00932	SODIUM, PERCENT	03/23/72-12/11/72	0	4	
CODA0154	No	00932	SODIUM, PERCENT	08/03/61-09/27/72	11	33	
CODA0155	No	00932	SODIUM, PERCENT	03/17/64-09/27/72	8	23	
CODA0184	Yes	00932	SODIUM, PERCENT	12/17/62-09/27/72	9	44	
CODA0185	Yes	00932	SODIUM, PERCENT	10/13/71-09/27/72	0	16	
CODA0021	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/30/80-07/22/85	5	17	
CODA0032	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/08/88-09/08/88	0	1	
CODA0043	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-06/17/72	0	2	
CODA0054	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/09/77-05/11/78	1	5	
CODA0070	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/13/70-09/23/76	6	51	
CODA0071	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	27	93	S
CODA0076	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/12/72	0	4	
CODA0079	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/20/72	0	4	
CODA0080	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-06/18/72	0	2	
CODA0081	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/25/72-12/14/72	0	4	
CODA0084	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/12/72	0	4	
CODA0088	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/12/72	0	4	
CODA0094	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/12/72	0	4	
CODA0095	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/12/72	0	4	
CODA0096	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/20/72	0	4	
CODA0099	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/12/72	0	4	
CODA0101	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/72-12/12/72	0	4	
CODA0103	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/20/72	0	4	
CODA0105	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/26/72	12	41	
CODA0106	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/26/72	12	46	
CODA0108	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/20/72	0	4	
CODA0109	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/20/72-12/20/72	0	1	
CODA0114	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/72-12/12/72	0	4	
CODA0116	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/72-12/12/72	0	4	
CODA0118	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/72-12/11/72	0	4	
CODA0127	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/72-12/11/72	0	4	
CODA0133	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/72-12/11/72	0	4	
CODA0136	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/72-12/11/72	0	4	
CODA0154	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	12	82	
CODA0155	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	12	85	
CODA0184	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	12	73	
CODA0185	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	12	64	
CODA0078	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	10/15/80-08/11/81	0	3	
CODA0082	No	00937	POTASSIUM, TOTAL MG/L AS K)	08/18/81-08/18/81	0	1	
CODA0097	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/03/80-08/13/81	0	3	
CODA0098	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/03/79-10/03/79	0	1	
CODA0100	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/10/80-10/10/80	0	1	
CODA0102	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/01/80-08/11/81	0	3	
CODA0107	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/15/80-08/11/81	0	3	
CODA0110	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/01/80-08/11/81	0	3	
CODA0115	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/10/80-10/10/80	0	1	
CODA0117	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/08/80-08/14/81	0	3	
CODA0123	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/04/79-10/04/79	0	1	
CODA0132	No	00937	POTASSIUM, TOTAL MG/L AS K)	10/08/80-08/14/81	0	3	
CODA0135	No	00937	POTASSIUM, TOTAL MG/L AS K)	09/25/80-09/25/80	0	1	
CODA0021	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/30/80-07/22/85	5	16	
CODA0032	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/08/88-09/08/88	0	1	
CODA0043	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-06/17/72	0	2	
CODA0054	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/09/77-05/11/78	1	5	
CODA0069	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/30/76-09/09/77	0	4	
CODA0070	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/13/70-09/23/76	6	51	
CODA0071	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	27	147	T,S
CODA0076	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/12/72	0	4	
CODA0078	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/15/80-08/11/81	0	3	
CODA0079	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/20/72	0	4	
CODA0080	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-06/18/72	0	2	
CODA0081	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/25/72-12/14/72	0	4	
CODA0082	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/81-08/18/81	0	1	
CODA0084	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/12/72	0	4	
CODA0088	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/12/72	0	4	
CODA0094	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/12/72	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0095	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/12/72	0	4	
CODA0096	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/20/72	0	4	
CODA0097	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/80-08/13/81	0	3	
CODA0098	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/79-10/03/79	0	1	
CODA0099	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/12/72	0	4	
CODA0100	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/10/80-10/10/80	0	1	
CODA0101	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/72-12/12/72	0	4	
CODA0102	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/80-08/11/81	0	3	
CODA0103	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/20/72	0	4	
CODA0105	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/26/72	12	41	
CODA0106	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/26/72	12	46	
CODA0107	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/15/80-08/11/81	0	3	
CODA0108	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/20/72	0	4	
CODA0109	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/72-12/20/72	0	1	
CODA0110	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/80-08/11/81	0	3	
CODA0114	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/72-12/12/72	0	4	
CODA0115	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/10/80-10/10/80	0	1	
CODA0116	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/72-12/12/72	0	4	
CODA0117	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/08/80-08/14/81	0	3	
CODA0118	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/72-12/11/72	0	4	
CODA0123	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/79-10/04/79	0	1	
CODA0127	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/72-12/11/72	0	4	
CODA0132	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/08/80-08/14/81	0	3	
CODA0133	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/72-12/11/72	0	4	
CODA0135	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/80-09/25/80	0	1	
CODA0136	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/72-12/11/72	0	4	
CODA0154	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	12	82	
CODA0155	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	12	85	
CODA0184	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	12	73	
CODA0185	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	12	64	
CODA0021	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/30/80-07/22/85	5	17	
CODA0032	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/08/88-09/08/88	0	1	
CODA0043	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-06/17/72	0	2	
CODA0069	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/30/76-09/09/77	0	5	
CODA0070	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/13/70-09/23/76	6	51	
CODA0071	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	27	149	T,S
CODA0076	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/12/72	0	4	
CODA0078	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/15/80-08/11/81	0	3	
CODA0079	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/20/72	0	4	
CODA0080	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-06/18/72	0	2	
CODA0081	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/25/72-12/14/72	0	4	
CODA0082	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/81-08/18/81	0	1	
CODA0084	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/12/72	0	4	
CODA0088	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/12/72	0	4	
CODA0094	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/12/72	0	4	
CODA0095	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/12/72	0	4	
CODA0096	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/20/72	0	4	
CODA0097	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/80-08/13/81	0	3	
CODA0098	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/79-10/03/79	0	1	
CODA0099	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/12/72	0	4	
CODA0100	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/10/80-10/10/80	0	1	
CODA0101	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/72-12/12/72	0	4	
CODA0102	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/80-08/11/81	0	3	
CODA0103	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/20/72	0	4	
CODA0105	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/26/72	12	40	
CODA0106	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/26/72	12	45	
CODA0107	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/15/80-08/11/81	0	3	
CODA0108	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/20/72	0	4	
CODA0109	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/72-12/20/72	0	1	
CODA0110	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/80-08/11/81	0	3	
CODA0114	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/72-12/12/72	0	4	
CODA0115	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/10/80-10/10/80	0	1	
CODA0116	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/72-12/12/72	0	4	
CODA0117	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/08/80-08/14/81	0	3	
CODA0118	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/72-12/11/72	0	4	
CODA0123	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/79-10/04/79	0	1	
CODA0127	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/72-12/11/72	0	4	
CODA0132	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/08/80-08/14/81	0	3	
CODA0133	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/72-12/11/72	0	4	
CODA0135	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/80-09/25/80	0	1	
CODA0136	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/72-12/11/72	0	4	
CODA0154	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	12	81	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0155	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	12	84	
CODA0184	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	12	72	
CODA0185	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	12	63	
CODA0054	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/09/77-05/11/78	1	5	
CODA0021	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/30/80-07/22/85	5	17	
CODA0032	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/08/88-09/08/88	0	1	
CODA0071	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/11/48-07/31/58	9	45	
CODA0105	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-03/22/66	5	22	
CODA0106	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-09/27/66	6	24	
CODA0154	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	10	65	
CODA0155	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	10	68	
CODA0184	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	10	56	
CODA0185	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	10	47	
CODA0098	No	00951	FLUORIDE, TOTAL (MG/L AS F)	10/03/79-10/03/79	0	1	
CODA0021	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/30/80-07/22/85	5	17	
CODA0041	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/15/78-08/21/80	2	56	
CODA0051	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/11/78-08/21/80	2	37	
CODA0052	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/15/78-08/21/80	2	64	
CODA0053	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/30/78-08/21/80	2	60	
CODA0054	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/09/77-08/21/80	3	40	
CODA0067	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/16/80-08/21/80	0	31	
CODA0071	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	12/11/48-02/22/72	23	99	
CODA0105	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-02/22/72	11	27	
CODA0106	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-09/27/66	6	23	
CODA0154	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	10	65	
CODA0155	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	10	68	
CODA0184	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	10	55	
CODA0185	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	10	47	
CODA0098	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/03/79-10/03/79	0	1	
CODA0123	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/04/79-10/04/79	0	1	
CODA0135	No	00956	SILICA, TOTAL (MG/L AS SI02)	09/25/80-09/25/80	0	1	
CODA0013	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/26/86-09/26/86	0	2	
CODA0023	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	05/13/86-05/13/86	0	2	
CODA0064	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	05/15/86-09/26/86	0	3	
CODA0093	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	05/14/86-08/27/86	0	2	
CODA0111	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	05/13/86-08/26/86	0	2	
CODA0125	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/23/86-09/23/86	0	2	
CODA0128	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	05/14/86-08/27/86	0	2	
CODA0148	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	05/13/86-05/13/86	0	1	
CODA0153	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/26/86-08/26/86	0	1	
CODA0171	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/24/86-09/24/86	0	2	
CODA0173	Yes	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	05/14/86-05/14/86	0	1	
CODA0186	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	08/26/86-08/26/86	0	1	
CODA0193	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	05/14/86-08/27/86	0	2	
CODA0197	No	00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	05/14/86-09/24/86	0	6	
CODA0008	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/11/72-09/25/73	0	15	
CODA0013	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/26/86-09/26/86	0	2	
CODA0021	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/30/80-07/22/85	5	16	
CODA0023	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/13/86-05/13/86	0	2	
CODA0064	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/15/86-09/26/86	0	3	
CODA0093	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/86-08/27/86	0	2	
CODA0106	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/30/60-09/27/66	5	11	
CODA0111	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/13/86-08/26/86	0	2	
CODA0125	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/23/86-09/23/86	0	2	
CODA0128	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/86-08/27/86	0	2	
CODA0148	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/13/86-05/13/86	0	1	
CODA0153	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/26/86-08/26/86	0	1	
CODA0154	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/29/60-08/11/68	7	13	
CODA0155	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/17/64-08/11/68	4	7	
CODA0171	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/24/86-09/24/86	0	2	
CODA0173	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/86-05/14/86	0	1	
CODA0184	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/30/60-08/11/68	7	14	
CODA0186	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/26/86-08/26/86	0	1	
CODA0193	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/86-08/27/86	0	2	
CODA0197	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/86-09/24/86	0	6	
CODA0021	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	05/20/85-07/22/85	0	3	
CODA0008	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/14/72-09/25/73	1	21	
CODA0021	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/24/84-07/22/85	0	13	
CODA0039	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/26/80-04/26/80	0	1	
CODA0040	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/26/80-04/26/80	0	1	
CODA0069	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/76-03/18/77	0	5	
CODA0075	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	04/26/80-04/26/80	0	1	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0078	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	10/15/80-04/22/81	0	2	
CODA0097	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/03/80-04/20/81	0	2	
CODA0098	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/03/79-10/03/79	0	1	
CODA0100	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/10/80-10/10/80	0	1	
CODA0102	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/01/80-04/18/81	0	2	
CODA0107	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/15/80-04/22/81	0	2	
CODA0110	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/01/80-04/22/81	0	2	
CODA0115	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/10/80-10/10/80	0	1	
CODA0117	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/08/80-04/30/81	0	2	
CODA0125	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	09/23/86-09/23/86	0	1	
CODA0132	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/08/80-05/13/81	0	2	
CODA0155	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/64-03/22/64	0	1	
CODA0007	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/13/92-10/13/92	0	1	
CODA0013	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/06/86-08/06/86	0	2	
CODA0035	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/06/86-08/06/86	0	1	
CODA0037	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/14/92-10/14/92	0	1	
CODA0044	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/13/92-10/13/92	0	1	
CODA0049	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/06/86-08/06/86	0	1	
CODA0056	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/16/92-10/16/92	0	1	
CODA0069	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/30/76-11/30/76	0	1	
CODA0077	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/06/86-08/06/86	0	1	
CODA0086	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/12/92-10/12/92	0	1	
CODA0091	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/15/92-10/15/92	0	1	
CODA0093	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/06/86-08/06/86	0	3	
CODA0112	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/05/86-08/05/86	0	1	
CODA0125	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/05/86-08/05/86	0	1	
CODA0139	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/09/92-10/09/92	0	1	
CODA0140	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/09/92-10/09/92	0	1	
CODA0144	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/05/86-08/05/86	0	1	
CODA0148	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/05/86-08/05/86	0	1	
CODA0171	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/05/86-08/05/86	0	3	
CODA0173	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/05/86-08/05/86	0	1	
CODA0181	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/07/92-10/07/92	0	1	
CODA0187	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/04/86-08/04/86	0	1	
CODA0189	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/07/92-10/07/92	0	1	
CODA0192	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/04/86-08/04/86	0	1	
CODA0194	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/06/92-10/06/92	0	1	
CODA0197	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/04/86-08/04/86	0	2	
CODA0013	Yes	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/26/86-09/26/86	0	11	
CODA0047	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/01/76-10/01/86	10	14	
CODA0126	Yes	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/23/86-09/23/86	0	9	
CODA0171	Yes	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/24/86-09/24/86	0	1	
CODA0185	Yes	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/13/82-09/13/82	0	3	
CODA0197	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/25/86-09/25/86	0	9	
CODA0021	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/24/84-07/22/85	0	13	
CODA0039	No	01007	BARIUM, TOTAL (UG/L AS BA)	04/26/80-04/26/80	0	1	
CODA0040	No	01007	BARIUM, TOTAL (UG/L AS BA)	04/26/80-04/26/80	0	1	
CODA0075	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	04/26/80-04/26/80	0	1	
CODA0078	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	10/15/80-04/22/81	0	2	
CODA0097	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/03/80-04/20/81	0	2	
CODA0098	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/03/79-10/03/79	0	1	
CODA0100	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/10/80-10/10/80	0	1	
CODA0102	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/01/80-04/18/81	0	2	
CODA0107	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/15/80-04/22/81	0	2	
CODA0110	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/01/80-04/22/81	0	2	
CODA0115	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/10/80-10/10/80	0	1	
CODA0117	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/08/80-04/30/81	0	2	
CODA0132	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/08/80-05/13/81	0	2	
CODA0021	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/24/84-07/22/85	0	13	
CODA0039	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/26/80-04/26/80	0	1	
CODA0040	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/26/80-04/26/80	0	1	
CODA0075	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/26/80-04/26/80	0	1	
CODA0054	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/09/77-05/02/78	0	2	
CODA0071	Yes	01020	BORON, DISSOLVED (UG/L AS B)	12/11/48-07/31/58	9	49	
CODA0105	No	01020	BORON, DISSOLVED (UG/L AS B)	01/26/61-03/22/66	5	9	
CODA0106	No	01020	BORON, DISSOLVED (UG/L AS B)	01/26/61-09/27/66	5	10	
CODA0154	No	01020	BORON, DISSOLVED (UG/L AS B)	09/29/60-02/23/69	8	13	
CODA0155	No	01020	BORON, DISSOLVED (UG/L AS B)	09/29/60-03/17/68	7	13	
CODA0184	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/30/60-02/23/69	8	13	
CODA0185	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/30/60-03/22/66	5	10	
CODA0098	No	01022	BORON, TOTAL (UG/L AS B)	10/03/79-10/03/79	0	1	
CODA0008	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/11/72-09/25/73	0	20	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0013	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/26/86-09/26/86	0	2	
CODA0021	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/16/80-07/22/85	4	15	
CODA0023	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/13/86-05/13/86	0	2	
CODA0032	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/08/88-09/08/88	0	1	
CODA0064	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/15/86-09/26/86	0	4	
CODA0093	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/14/86-08/27/86	0	2	
CODA0111	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/13/86-08/26/86	0	2	
CODA0125	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/23/86-09/23/86	0	2	
CODA0128	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/14/86-08/27/86	0	2	
CODA0148	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/13/86-05/13/86	0	1	
CODA0153	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/86-08/26/86	0	1	
CODA0171	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/24/86-09/24/86	0	2	
CODA0173	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/14/86-05/14/86	0	1	
CODA0185	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/08/80-10/06/81	1	16	
CODA0186	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/86-08/26/86	0	1	
CODA0193	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/14/86-08/27/86	0	2	
CODA0197	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/14/86-09/24/86	0	6	
CODA0008	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/14/72-09/25/73	1	24	
CODA0021	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/84-07/22/85	0	13	
CODA0039	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/26/80-04/26/80	0	1	
CODA0040	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/26/80-04/26/80	0	1	
CODA0069	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/76-03/18/77	0	4	
CODA0075	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/26/80-04/26/80	0	1	
CODA0078	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	10/15/80-08/11/81	0	3	
CODA0082	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/18/81-08/18/81	0	1	
CODA0097	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/03/80-08/13/81	0	3	
CODA0098	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/03/79-10/03/79	0	1	
CODA0100	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/10/80-10/10/80	0	1	
CODA0102	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/01/80-08/11/81	0	3	
CODA0107	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/15/80-08/11/81	0	3	
CODA0110	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/01/80-08/11/81	0	3	
CODA0115	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/10/80-10/10/80	0	1	
CODA0117	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/08/80-08/14/81	0	3	
CODA0125	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/86-09/23/86	0	1	
CODA0132	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/08/80-08/14/81	0	3	
CODA0007	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/13/92-10/13/92	0	1	
CODA0013	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/06/86-08/06/86	0	2	
CODA0035	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/06/86-08/06/86	0	1	
CODA0037	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/14/92-10/14/92	0	1	
CODA0044	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/13/92-10/13/92	0	1	
CODA0049	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/06/86-08/06/86	0	1	
CODA0056	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/16/92-10/16/92	0	1	
CODA0069	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/30/76-12/16/76	0	2	
CODA0077	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/06/86-08/06/86	0	1	
CODA0086	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/12/92-10/12/92	0	1	
CODA0091	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/15/92-10/15/92	0	1	
CODA0093	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/06/86-08/06/86	0	3	
CODA0112	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/05/86-08/05/86	0	1	
CODA0125	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/05/86-08/05/86	0	1	
CODA0139	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/09/92-10/09/92	0	1	
CODA0140	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/09/92-10/09/92	0	1	
CODA0144	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/05/86-08/05/86	0	1	
CODA0148	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/05/86-08/05/86	0	1	
CODA0171	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/05/86-08/05/86	0	3	
CODA0173	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/05/86-08/05/86	0	1	
CODA0181	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/07/92-10/07/92	0	1	
CODA0187	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/04/86-08/04/86	0	1	
CODA0189	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/07/92-10/07/92	0	1	
CODA0192	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/04/86-08/04/86	0	1	
CODA0194	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/92-10/06/92	0	1	
CODA0197	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/04/86-08/04/86	0	2	
CODA0069	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/30/76-11/30/76	0	1	
CODA0008	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/11/72-09/11/73	0	17	
CODA0021	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/24/84-07/22/85	0	13	
CODA0043	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-06/17/72	0	1	
CODA0070	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/11/72-09/26/72	0	17	
CODA0071	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/11/72-09/26/72	0	17	
CODA0076	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/12/72	0	2	
CODA0079	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/18/72-09/12/72	0	2	
CODA0080	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/18/72-06/18/72	0	1	
CODA0081	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/15/72-09/14/72	0	2	
CODA0084	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/12/72	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0088	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/18/72-09/12/72	0	2	
CODA0094	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/11/72	0	2	
CODA0095	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/18/72-09/12/72	0	2	
CODA0096	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/16/72-09/12/72	0	2	
CODA0099	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/18/72-09/12/72	0	2	
CODA0101	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/11/72	0	2	
CODA0103	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/16/72-09/13/72	0	2	
CODA0105	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/22/72-09/23/76	4	42	
CODA0106	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/30/60-09/23/76	15	54	
CODA0108	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/16/72-09/13/72	0	2	
CODA0114	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/11/72	0	2	
CODA0116	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/11/72	0	2	
CODA0118	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/11/72	0	2	
CODA0127	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/11/72	0	2	
CODA0133	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/11/72	0	2	
CODA0136	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/11/72	0	2	
CODA0154	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/29/60-09/27/72	11	25	
CODA0155	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/17/64-09/27/72	8	19	
CODA0184	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/30/60-09/27/72	11	25	
CODA0185	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/15/72-10/06/81	9	29	
CODA0021	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	05/20/85-07/22/85	0	3	
CODA0106	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	11/22/61-09/27/66	4	9	
CODA0155	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/22/64-03/22/64	0	1	
CODA0008	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/14/72-09/11/73	0	20	
CODA0021	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/24/84-07/22/85	0	13	
CODA0039	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/26/80-04/26/80	0	1	
CODA0040	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/26/80-04/26/80	0	1	
CODA0069	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/76-03/18/77	0	5	
CODA0070	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/71-12/14/71	0	4	
CODA0071	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/71-12/14/71	0	4	
CODA0075	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/26/80-04/26/80	0	1	
CODA0078	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/15/80-04/22/81	0	2	
CODA0097	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/80-04/20/81	0	2	
CODA0098	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/79-10/03/79	0	1	
CODA0100	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/10/80-10/10/80	0	1	
CODA0102	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/01/80-04/18/81	0	2	
CODA0105	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/71-11/09/71	0	3	
CODA0106	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/71-11/09/71	0	3	
CODA0107	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/15/80-04/22/81	0	2	
CODA0110	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/01/80-04/22/81	0	2	
CODA0115	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/10/80-10/10/80	0	1	
CODA0117	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/80-04/30/81	0	2	
CODA0132	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/80-05/13/81	0	2	
CODA0154	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/17/68-11/17/71	3	10	
CODA0155	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/22/64-11/17/71	7	7	
CODA0184	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/17/68-11/17/71	3	10	
CODA0185	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/13/71-11/17/71	0	4	
CODA0021	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/16/80-11/17/80	0	2	
CODA0098	No	01037	COBALT, TOTAL (UG/L AS CO)	10/03/79-10/03/79	0	1	
CODA0008	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/11/72-09/25/73	0	17	
CODA0013	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/26/86-09/26/86	0	2	
CODA0021	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/24/84-07/22/85	0	13	
CODA0023	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/13/86-05/13/86	0	2	
CODA0043	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-06/17/72	0	1	
CODA0064	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/15/86-09/26/86	0	4	
CODA0070	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/12/71-09/26/72	0	21	
CODA0071	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/12/71-09/26/72	0	21	
CODA0076	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/12/72	0	2	
CODA0079	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/18/72-09/12/72	0	2	
CODA0080	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/18/72-06/18/72	0	1	
CODA0081	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/72-09/14/72	0	2	
CODA0084	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/12/72	0	2	
CODA0088	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/18/72-09/12/72	0	2	
CODA0093	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/86-08/27/86	0	2	
CODA0094	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/11/72	0	2	
CODA0095	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/18/72-09/12/72	0	2	
CODA0096	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/16/72-09/12/72	0	2	
CODA0099	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/18/72-09/12/72	0	2	
CODA0101	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/11/72	0	2	
CODA0103	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/16/72-09/13/72	0	2	
CODA0105	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/12/71-09/23/76	4	44	
CODA0106	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/30/60-09/23/76	15	56	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0108	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/16/72-09/13/72	0	2	
CODA0111	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/13/86-08/26/86	0	2	
CODA0114	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/11/72	0	2	
CODA0116	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/11/72	0	2	
CODA0118	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/11/72	0	2	
CODA0125	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/23/86-09/23/86	0	2	
CODA0127	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/11/72	0	2	
CODA0128	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/86-08/27/86	0	2	
CODA0133	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/11/72	0	2	
CODA0136	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/11/72	0	2	
CODA0148	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/13/86-05/13/86	0	1	
CODA0153	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/86-08/26/86	0	1	
CODA0154	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/29/60-09/27/72	11	35	
CODA0155	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/17/64-09/27/72	8	25	
CODA0171	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/24/86-09/24/86	0	2	
CODA0173	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/86-05/14/86	0	1	
CODA0184	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/30/60-09/27/72	11	35	
CODA0185	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/13/71-10/06/81	9	33	
CODA0186	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/86-08/26/86	0	1	
CODA0193	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/86-08/27/86	0	2	
CODA0197	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/86-09/24/86	0	6	
CODA0021	No	01041	COPPER, SUSPENDED (UG/L AS CU)	05/20/85-07/22/85	0	3	
CODA0008	No	01042	COPPER, TOTAL (UG/L AS CU)	09/14/72-09/25/73	1	21	
CODA0021	No	01042	COPPER, TOTAL (UG/L AS CU)	07/24/84-07/22/85	0	13	
CODA0030	Yes	01042	COPPER, TOTAL (UG/L AS CU)	02/06/91-04/03/91	0	3	
CODA0039	No	01042	COPPER, TOTAL (UG/L AS CU)	04/26/80-04/26/80	0	1	
CODA0040	No	01042	COPPER, TOTAL (UG/L AS CU)	04/26/80-04/26/80	0	1	
CODA0069	Yes	01042	COPPER, TOTAL (UG/L AS CU)	11/30/76-03/18/77	0	5	
CODA0075	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/26/80-04/26/80	0	1	
CODA0078	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/15/80-04/22/81	0	2	
CODA0097	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/80-04/20/81	0	2	
CODA0098	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/79-10/03/79	0	1	
CODA0100	No	01042	COPPER, TOTAL (UG/L AS CU)	10/10/80-10/10/80	0	1	
CODA0102	No	01042	COPPER, TOTAL (UG/L AS CU)	10/01/80-04/18/81	0	2	
CODA0107	No	01042	COPPER, TOTAL (UG/L AS CU)	10/15/80-04/22/81	0	2	
CODA0110	No	01042	COPPER, TOTAL (UG/L AS CU)	10/01/80-04/22/81	0	2	
CODA0115	No	01042	COPPER, TOTAL (UG/L AS CU)	10/10/80-10/10/80	0	1	
CODA0117	No	01042	COPPER, TOTAL (UG/L AS CU)	10/08/80-04/30/81	0	2	
CODA0125	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/23/86-09/23/86	0	1	
CODA0132	No	01042	COPPER, TOTAL (UG/L AS CU)	10/08/80-05/13/81	0	2	
CODA0155	No	01042	COPPER, TOTAL (UG/L AS CU)	03/22/64-03/22/64	0	1	
CODA0007	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/13/92-10/13/92	0	1	
CODA0013	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/06/86-08/06/86	0	2	
CODA0035	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/06/86-08/06/86	0	1	
CODA0037	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/14/92-10/14/92	0	1	
CODA0044	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/13/92-10/13/92	0	1	
CODA0049	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/06/86-08/06/86	0	1	
CODA0056	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/16/92-10/16/92	0	1	
CODA0069	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/30/76-11/30/76	0	1	
CODA0077	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/06/86-08/06/86	0	1	
CODA0086	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/12/92-10/12/92	0	1	
CODA0091	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/15/92-10/15/92	0	1	
CODA0093	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/06/86-08/06/86	0	3	
CODA0112	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/05/86-08/05/86	0	1	
CODA0125	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/05/86-08/05/86	0	1	
CODA0139	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/09/92-10/09/92	0	1	
CODA0140	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/09/92-10/09/92	0	1	
CODA0144	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/05/86-08/05/86	0	1	
CODA0148	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/05/86-08/05/86	0	1	
CODA0171	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/05/86-08/05/86	0	3	
CODA0173	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/05/86-08/05/86	0	1	
CODA0181	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/07/92-10/07/92	0	1	
CODA0187	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/04/86-08/04/86	0	1	
CODA0189	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/07/92-10/07/92	0	1	
CODA0192	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/04/86-08/04/86	0	1	
CODA0194	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/06/92-10/06/92	0	1	
CODA0197	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/04/86-08/04/86	0	2	
CODA0021	No	01044	IRON, SUSPENDED (UG/L AS FE)	05/20/85-06/24/85	0	2	
CODA0008	No	01045	IRON, TOTAL (UG/L AS FE)	10/11/72-09/25/73	0	20	
CODA0021	No	01045	IRON, TOTAL (UG/L AS FE)	07/24/84-07/22/85	0	13	
CODA0039	No	01045	IRON, TOTAL (UG/L AS FE)	04/26/80-04/26/80	0	1	
CODA0040	No	01045	IRON, TOTAL (UG/L AS FE)	04/26/80-04/26/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0071	Yes	01045	IRON, TOTAL (UG/L AS FE)	12/11/48-10/31/57	8	40	
CODA0075	Yes	01045	IRON, TOTAL (UG/L AS FE)	04/26/80-04/26/80	0	1	
CODA0078	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/15/80-04/22/81	0	2	
CODA0097	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/80-04/20/81	0	2	
CODA0098	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/79-10/03/79	0	1	
CODA0100	No	01045	IRON, TOTAL (UG/L AS FE)	10/10/80-10/10/80	0	1	
CODA0102	No	01045	IRON, TOTAL (UG/L AS FE)	10/01/80-04/18/81	0	2	
CODA0105	No	01045	IRON, TOTAL (UG/L AS FE)	07/27/60-09/21/65	5	20	
CODA0106	No	01045	IRON, TOTAL (UG/L AS FE)	07/27/60-09/21/65	5	18	
CODA0107	No	01045	IRON, TOTAL (UG/L AS FE)	10/15/80-04/22/81	0	2	
CODA0110	No	01045	IRON, TOTAL (UG/L AS FE)	10/01/80-04/22/81	0	2	
CODA0115	No	01045	IRON, TOTAL (UG/L AS FE)	10/10/80-10/10/80	0	1	
CODA0117	No	01045	IRON, TOTAL (UG/L AS FE)	10/08/80-04/30/81	0	2	
CODA0132	No	01045	IRON, TOTAL (UG/L AS FE)	10/08/80-05/13/81	0	2	
CODA0154	No	01045	IRON, TOTAL (UG/L AS FE)	07/27/60-09/21/65	5	41	
CODA0155	No	01045	IRON, TOTAL (UG/L AS FE)	07/27/60-09/21/65	5	46	
CODA0184	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/27/60-09/21/65	5	29	
CODA0185	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/27/60-09/21/65	5	35	
CODA0008	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/11/72-09/25/73	0	19	
CODA0021	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/16/80-07/22/85	4	15	
CODA0032	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/08/88-09/08/88	0	1	
CODA0008	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/11/72-09/11/73	0	19	
CODA0013	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/26/86-09/26/86	0	2	
CODA0021	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/24/84-07/22/85	0	13	
CODA0023	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/13/86-05/13/86	0	2	
CODA0043	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-06/17/72	0	1	
CODA0064	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/15/86-09/26/86	0	4	
CODA0070	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/12/71-09/26/72	0	21	
CODA0071	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/12/71-09/26/72	0	21	
CODA0076	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/12/72	0	2	
CODA0079	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/18/72-09/12/72	0	2	
CODA0080	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/18/72-06/18/72	0	1	
CODA0081	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/15/72-09/14/72	0	2	
CODA0084	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/12/72	0	2	
CODA0088	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/18/72-09/12/72	0	2	
CODA0093	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/14/86-08/27/86	0	2	
CODA0094	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/11/72	0	2	
CODA0095	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/18/72-09/12/72	0	2	
CODA0096	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/16/72-09/12/72	0	2	
CODA0099	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/18/72-09/12/72	0	2	
CODA0101	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/11/72	0	2	
CODA0103	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/16/72-09/13/72	0	2	
CODA0105	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/12/71-09/23/76	4	44	
CODA0106	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/12/71-09/23/76	4	45	
CODA0108	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/16/72-09/13/72	0	2	
CODA0111	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/13/86-08/26/86	0	2	
CODA0114	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/11/72	0	2	
CODA0116	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/11/72	0	2	
CODA0118	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/11/72	0	2	
CODA0125	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/23/86-09/23/86	0	2	
CODA0127	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/11/72	0	2	
CODA0128	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/14/86-08/27/86	0	2	
CODA0133	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/11/72	0	2	
CODA0136	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/11/72	0	2	
CODA0148	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/13/86-05/13/86	0	1	
CODA0153	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/26/86-08/26/86	0	1	
CODA0154	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/13/71-09/27/72	0	17	
CODA0155	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/13/71-09/27/72	0	17	
CODA0171	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/24/86-09/24/86	0	2	
CODA0173	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/14/86-05/14/86	0	1	
CODA0184	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/13/71-09/27/72	0	17	
CODA0185	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/13/71-10/06/81	9	33	
CODA0186	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/26/86-08/26/86	0	1	
CODA0193	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/14/86-08/27/86	0	2	
CODA0197	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/14/86-09/24/86	0	6	
CODA0021	No	01050	LEAD, SUSPENDED (UG/L AS PB)	05/20/85-07/22/85	0	3	
CODA0008	No	01051	LEAD, TOTAL (UG/L AS PB)	09/14/72-09/25/73	1	24	
CODA0021	No	01051	LEAD, TOTAL (UG/L AS PB)	07/24/84-07/22/85	0	13	
CODA0039	No	01051	LEAD, TOTAL (UG/L AS PB)	04/26/80-04/26/80	0	1	
CODA0040	No	01051	LEAD, TOTAL (UG/L AS PB)	04/26/80-04/26/80	0	1	
CODA0069	Yes	01051	LEAD, TOTAL (UG/L AS PB)	11/30/76-03/18/77	0	5	
CODA0075	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/26/80-04/26/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0078	Yes	01051	LEAD, TOTAL (UG/L AS PB)	10/15/80-04/22/81	0	2	
CODA0097	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/80-04/20/81	0	2	
CODA0098	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/79-10/03/79	0	1	
CODA0100	No	01051	LEAD, TOTAL (UG/L AS PB)	10/10/80-10/10/80	0	1	
CODA0102	No	01051	LEAD, TOTAL (UG/L AS PB)	10/01/80-04/18/81	0	2	
CODA0107	No	01051	LEAD, TOTAL (UG/L AS PB)	10/15/80-04/22/81	0	2	
CODA0110	No	01051	LEAD, TOTAL (UG/L AS PB)	10/01/80-04/22/81	0	2	
CODA0115	No	01051	LEAD, TOTAL (UG/L AS PB)	10/10/80-10/10/80	0	1	
CODA0117	No	01051	LEAD, TOTAL (UG/L AS PB)	10/08/80-04/30/81	0	2	
CODA0125	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/23/86-09/23/86	0	1	
CODA0132	No	01051	LEAD, TOTAL (UG/L AS PB)	10/08/80-05/13/81	0	2	
CODA0007	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/13/92-10/13/92	0	1	
CODA0013	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/06/86-08/06/86	0	2	
CODA0035	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/06/86-08/06/86	0	1	
CODA0037	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/14/92-10/14/92	0	1	
CODA0044	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/13/92-10/13/92	0	1	
CODA0049	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/06/86-08/06/86	0	1	
CODA0056	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/16/92-10/16/92	0	1	
CODA0069	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/30/76-11/30/76	0	1	
CODA0077	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/06/86-08/06/86	0	1	
CODA0086	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/12/92-10/12/92	0	1	
CODA0091	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/15/92-10/15/92	0	1	
CODA0093	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/06/86-08/06/86	0	3	
CODA0112	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/05/86-08/05/86	0	1	
CODA0125	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/05/86-08/05/86	0	1	
CODA0139	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/09/92-10/09/92	0	1	
CODA0144	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/05/86-08/05/86	0	1	
CODA0148	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/05/86-08/05/86	0	1	
CODA0171	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/05/86-08/05/86	0	3	
CODA0173	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/05/86-08/05/86	0	1	
CODA0181	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/07/92-10/07/92	0	1	
CODA0187	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/04/86-08/04/86	0	1	
CODA0189	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/07/92-10/07/92	0	1	
CODA0192	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/04/86-08/04/86	0	1	
CODA0194	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/06/92-10/06/92	0	1	
CODA0197	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/04/86-08/04/86	0	2	
CODA0013	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/06/86-08/06/86	0	2	
CODA0035	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/06/86-08/06/86	0	1	
CODA0049	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/06/86-08/06/86	0	1	
CODA0077	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/06/86-08/06/86	0	1	
CODA0093	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/06/86-08/06/86	0	3	
CODA0112	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/05/86-08/05/86	0	1	
CODA0125	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/05/86-08/05/86	0	1	
CODA0144	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/05/86-08/05/86	0	1	
CODA0148	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/05/86-08/05/86	0	1	
CODA0171	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/05/86-08/05/86	0	3	
CODA0173	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/05/86-08/05/86	0	1	
CODA0187	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/04/86-08/04/86	0	1	
CODA0192	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/04/86-08/04/86	0	1	
CODA0197	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/04/86-08/04/86	0	2	
CODA0021	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	05/20/85-07/22/85	0	3	
CODA0008	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/11/72-09/25/73	0	21	
CODA0021	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/24/84-07/22/85	0	13	
CODA0039	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/26/80-04/26/80	0	1	
CODA0040	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/26/80-04/26/80	0	1	
CODA0075	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	04/26/80-04/26/80	0	1	
CODA0078	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/15/80-08/11/81	0	3	
CODA0082	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/18/81-08/18/81	0	1	
CODA0097	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/03/80-08/13/81	0	3	
CODA0098	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/03/79-10/03/79	0	1	
CODA0100	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/10/80-10/10/80	0	1	
CODA0102	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/80-08/11/81	0	3	
CODA0107	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/15/80-08/11/81	0	3	
CODA0110	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/80-08/11/81	0	3	
CODA0115	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/10/80-10/10/80	0	1	
CODA0117	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/08/80-08/14/81	0	3	
CODA0132	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/08/80-08/14/81	0	3	
CODA0008	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/11/72-09/11/73	0	19	
CODA0021	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/16/80-07/22/85	4	15	
CODA0032	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/08/88-09/08/88	0	1	
CODA0039	No	01059	THALLIUM, TOTAL (UG/L AS TL)	04/26/80-04/26/80	0	1	
CODA0040	No	01059	THALLIUM, TOTAL (UG/L AS TL)	04/26/80-04/26/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0075	Yes	01059	THALLIUM, TOTAL (UG/L AS TL)	04/26/80-04/26/80	0	1	
CODA0078	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/15/80-04/22/81	0	2	
CODA0097	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/03/80-04/20/81	0	2	
CODA0098	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/03/79-10/03/79	0	1	
CODA0100	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/10/80-10/10/80	0	1	
CODA0102	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/01/80-04/18/81	0	2	
CODA0107	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/15/80-04/22/81	0	2	
CODA0110	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/01/80-04/22/81	0	2	
CODA0115	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/10/80-10/10/80	0	1	
CODA0117	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/08/80-04/30/81	0	2	
CODA0132	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/08/80-05/13/81	0	2	
CODA0021	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/16/80-07/22/85	4	15	
CODA0032	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/08/88-09/08/88	0	1	
CODA0185	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/80-10/06/81	1	16	
CODA0021	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	05/20/85-07/22/85	0	3	
CODA0021	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/24/84-07/22/85	0	13	
CODA0039	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/26/80-04/26/80	0	1	
CODA0040	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/26/80-04/26/80	0	1	
CODA0075	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	04/26/80-04/26/80	0	1	
CODA0098	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/79-10/03/79	0	1	
CODA0021	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/24/84-07/22/85	0	13	
CODA0021	No	01077	SILVER, TOTAL (UG/L AS AG)	07/24/84-07/22/85	0	13	
CODA0039	No	01077	SILVER, TOTAL (UG/L AS AG)	04/26/80-04/26/80	0	1	
CODA0040	No	01077	SILVER, TOTAL (UG/L AS AG)	04/26/80-04/26/80	0	1	
CODA0075	Yes	01077	SILVER, TOTAL (UG/L AS AG)	04/26/80-04/26/80	0	1	
CODA0098	No	01077	SILVER, TOTAL (UG/L AS AG)	10/03/79-10/03/79	0	1	
CODA0008	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/31/72-09/25/73	0	18	
CODA0021	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/16/80-07/22/85	4	15	
CODA0032	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/08/88-09/08/88	0	1	
CODA0154	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/17/68-08/11/68	0	2	
CODA0155	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/17/68-08/11/68	0	2	
CODA0184	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/17/68-08/11/68	0	2	
CODA0008	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	10/11/72-09/25/73	0	21	
CODA0078	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/11/81-08/11/81	0	1	
CODA0082	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/18/81-08/18/81	0	1	
CODA0097	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/13/81-08/13/81	0	1	
CODA0098	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	10/03/79-10/03/79	0	1	
CODA0102	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/11/81-08/11/81	0	1	
CODA0107	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/11/81-08/11/81	0	1	
CODA0110	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/11/81-08/11/81	0	1	
CODA0117	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/14/81-08/14/81	0	1	
CODA0132	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/14/81-08/14/81	0	1	
CODA0098	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/79-10/03/79	0	1	
CODA0008	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/11/72-09/11/73	0	18	
CODA0013	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/26/86-09/26/86	0	2	
CODA0021	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/17/80-07/22/85	4	14	
CODA0023	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/13/86-05/13/86	0	2	
CODA0043	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-06/17/72	0	1	
CODA0064	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/15/86-09/26/86	0	4	
CODA0070	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/12/71-09/26/72	0	21	
CODA0071	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/12/71-09/26/72	0	21	
CODA0076	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/12/72	0	2	
CODA0079	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/18/72-09/12/72	0	2	
CODA0080	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/18/72-06/18/72	0	1	
CODA0081	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/72-09/14/72	0	2	
CODA0084	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/12/72	0	2	
CODA0088	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/18/72-09/12/72	0	2	
CODA0093	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/14/86-08/27/86	0	2	
CODA0094	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/11/72	0	2	
CODA0095	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/18/72-09/12/72	0	2	
CODA0096	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/16/72-09/12/72	0	2	
CODA0099	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/18/72-09/12/72	0	2	
CODA0101	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/11/72	0	2	
CODA0103	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/16/72-09/13/72	0	2	
CODA0105	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/12/71-09/23/76	4	44	
CODA0106	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/22/61-09/23/76	14	54	
CODA0108	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/16/72-09/13/72	0	2	
CODA0111	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/13/86-08/26/86	0	2	
CODA0114	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/11/72	0	2	
CODA0116	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/11/72	0	2	
CODA0118	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/11/72	0	2	
CODA0125	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/23/86-09/23/86	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0127	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/11/72	0	2	
CODA0128	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/14/86-08/27/86	0	2	
CODA0133	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/11/72	0	2	
CODA0136	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/11/72	0	2	
CODA0148	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/13/86-05/13/86	0	1	
CODA0153	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/26/86-08/26/86	0	1	
CODA0154	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/21/61-09/27/72	10	32	
CODA0155	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/17/64-09/27/72	8	24	
CODA0171	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/24/86-09/24/86	0	2	
CODA0173	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/14/86-05/14/86	0	1	
CODA0184	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/21/61-09/27/72	10	33	
CODA0185	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/13/71-10/06/81	9	33	
CODA0186	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/26/86-08/26/86	0	1	
CODA0193	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/14/86-08/27/86	0	2	
CODA0197	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/14/86-09/24/86	0	6	
CODA0021	No	01091	ZINC, SUSPENDED (UG/L ZN)	05/20/85-07/22/85	0	3	
CODA0008	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/14/72-09/25/73	1	23	
CODA0021	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/24/84-07/22/85	0	13	
CODA0030	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	02/06/91-08/07/91	0	7	
CODA0039	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/26/80-04/26/80	0	1	
CODA0040	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/26/80-04/26/80	0	1	
CODA0069	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	11/30/76-03/18/77	0	5	
CODA0075	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/26/80-04/26/80	0	1	
CODA0078	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	10/15/80-08/11/81	0	3	
CODA0082	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/18/81-08/18/81	0	1	
CODA0097	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/80-08/13/81	0	3	
CODA0098	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/79-10/03/79	0	1	
CODA0100	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/10/80-10/10/80	0	1	
CODA0102	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/01/80-08/11/81	0	3	
CODA0107	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/15/80-08/11/81	0	3	
CODA0110	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/01/80-08/11/81	0	3	
CODA0115	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/10/80-10/10/80	0	1	
CODA0117	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/08/80-08/14/81	0	3	
CODA0125	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/23/86-09/23/86	0	1	
CODA0132	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/08/80-08/14/81	0	3	
CODA0007	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/13/92-10/13/92	0	1	
CODA0013	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/06/86-08/06/86	0	2	
CODA0035	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/06/86-08/06/86	0	1	
CODA0037	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/14/92-10/14/92	0	1	
CODA0044	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/13/92-10/13/92	0	1	
CODA0049	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/06/86-08/06/86	0	1	
CODA0056	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/16/92-10/16/92	0	1	
CODA0069	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/30/76-11/30/76	0	1	
CODA0077	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/06/86-08/06/86	0	1	
CODA0086	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/12/92-10/12/92	0	1	
CODA0091	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/15/92-10/15/92	0	1	
CODA0093	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/06/86-08/06/86	0	3	
CODA0112	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/05/86-08/05/86	0	1	
CODA0125	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/05/86-08/05/86	0	1	
CODA0139	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/09/92-10/09/92	0	1	
CODA0140	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/09/92-10/09/92	0	1	
CODA0144	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/05/86-08/05/86	0	1	
CODA0148	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/05/86-08/05/86	0	1	
CODA0171	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/05/86-08/05/86	0	3	
CODA0173	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/05/86-08/05/86	0	1	
CODA0181	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/07/92-10/07/92	0	1	
CODA0187	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/04/86-08/04/86	0	1	
CODA0189	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/07/92-10/07/92	0	1	
CODA0192	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/04/86-08/04/86	0	1	
CODA0194	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/06/92-10/06/92	0	1	
CODA0197	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/04/86-08/04/86	0	2	
CODA0013	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/26/86-09/26/86	0	2	
CODA0023	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/13/86-05/13/86	0	2	
CODA0030	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/06/91-08/07/91	0	7	
CODA0064	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/86-09/26/86	0	4	
CODA0093	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/14/86-08/27/86	0	2	
CODA0111	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/13/86-08/26/86	0	2	
CODA0125	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/23/86-09/23/86	0	2	
CODA0128	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/14/86-08/27/86	0	2	
CODA0148	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/13/86-05/13/86	0	1	
CODA0153	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/26/86-08/26/86	0	1	
CODA0171	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/24/86-09/24/86	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0173	Yes	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/14/86-05/14/86	0	1	
CODA0186	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/26/86-08/26/86	0	1	
CODA0193	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/14/86-08/27/86	0	2	
CODA0197	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/14/86-09/24/86	0	6	
CODA0021	No	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	07/24/84-07/22/85	0	13	
CODA0008	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	09/14/72-09/15/72	0	2	
CODA0039	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	04/26/80-04/26/80	0	1	
CODA0040	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	04/26/80-04/26/80	0	1	
CODA0069	Yes	01097	ANTIMONY, TOTAL (UG/L AS SB)	01/28/77-03/18/77	0	3	
CODA0075	Yes	01097	ANTIMONY, TOTAL (UG/L AS SB)	04/26/80-04/26/80	0	1	
CODA0021	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/24/84-07/22/85	0	13	
CODA0098	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/03/79-10/03/79	0	1	
CODA0021	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/24/84-07/22/85	0	13	
CODA0032	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/08/88-09/08/88	0	1	
CODA0013	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/26/86-09/26/86	0	2	
CODA0023	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/13/86-05/13/86	0	2	
CODA0030	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/06/91-08/07/91	0	7	
CODA0064	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/15/86-09/26/86	0	4	
CODA0093	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/14/86-08/27/86	0	2	
CODA0111	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/13/86-08/26/86	0	2	
CODA0125	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/23/86-09/23/86	0	2	
CODA0128	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/14/86-08/27/86	0	2	
CODA0148	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/13/86-05/13/86	0	1	
CODA0153	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/26/86-08/26/86	0	1	
CODA0171	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/24/86-09/24/86	0	2	
CODA0173	Yes	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/14/86-05/14/86	0	1	
CODA0186	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	08/26/86-08/26/86	0	1	
CODA0193	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/14/86-08/27/86	0	2	
CODA0197	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	05/14/86-09/24/86	0	6	
CODA0013	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/26/86-09/26/86	0	2	
CODA0023	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/13/86-05/13/86	0	2	
CODA0030	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/06/91-08/07/91	0	7	
CODA0064	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/86-09/26/86	0	4	
CODA0093	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/14/86-08/27/86	0	2	
CODA0111	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/13/86-08/26/86	0	2	
CODA0125	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/23/86-09/23/86	0	2	
CODA0128	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/14/86-08/27/86	0	2	
CODA0148	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/13/86-05/13/86	0	1	
CODA0153	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/26/86-08/26/86	0	1	
CODA0171	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/24/86-09/24/86	0	2	
CODA0173	Yes	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/14/86-05/14/86	0	1	
CODA0186	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/26/86-08/26/86	0	1	
CODA0193	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/14/86-08/27/86	0	2	
CODA0197	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/14/86-09/24/86	0	6	
CODA0030	Yes	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/06/91-08/07/91	0	7	
CODA0013	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/26/86-09/26/86	0	2	
CODA0023	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/13/86-05/13/86	0	2	
CODA0030	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/06/91-08/07/91	0	7	
CODA0064	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/86-09/26/86	0	4	
CODA0093	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/14/86-08/27/86	0	2	
CODA0111	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/13/86-08/26/86	0	2	
CODA0125	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/23/86-09/23/86	0	2	
CODA0128	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/14/86-08/27/86	0	2	
CODA0148	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/13/86-05/13/86	0	1	
CODA0153	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/26/86-08/26/86	0	1	
CODA0171	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/24/86-09/24/86	0	2	
CODA0173	Yes	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/14/86-05/14/86	0	1	
CODA0186	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/26/86-08/26/86	0	1	
CODA0193	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/14/86-08/27/86	0	2	
CODA0197	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/14/86-09/24/86	0	6	
CODA0154	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	03/17/68-08/11/68	0	2	
CODA0155	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	03/17/68-08/11/68	0	2	
CODA0184	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	03/17/68-08/11/68	0	2	
CODA0098	No	01132	LITHIUM, TOTAL (UG/L AS LI)	10/03/79-10/03/79	0	1	
CODA0069	Yes	01142	SILICON, TOTAL (UG/L AS SI)	10/20/76-12/16/76	0	2	
CODA0069	Yes	01143	SILICON, IN SILICATE (UG/L SIO3 AS SI)	08/19/77-08/19/77	0	1	
CODA0008	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/11/72-09/25/73	0	18	
CODA0021	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/30/80-07/22/85	5	16	
CODA0008	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/11/72-09/25/73	0	22	
CODA0021	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/24/84-07/22/85	0	13	
CODA0039	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/26/80-04/26/80	0	1	
CODA0040	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/26/80-04/26/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0075	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	04/26/80-04/26/80	0	1	
CODA0047	No	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	10/01/78-10/01/86	8	12	
CODA0098	No	01154	TUNGSTEN, TOTAL (UG/L AS W)	10/03/79-10/03/79	0	1	
CODA0013	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/06/86-08/06/86	0	2	
CODA0035	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/06/86-08/06/86	0	1	
CODA0049	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/06/86-08/06/86	0	1	
CODA0077	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/06/86-08/06/86	0	1	
CODA0093	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/06/86-08/06/86	0	3	
CODA0112	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/05/86-08/05/86	0	1	
CODA0125	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/05/86-08/05/86	0	1	
CODA0144	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/05/86-08/05/86	0	1	
CODA0148	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/05/86-08/05/86	0	1	
CODA0171	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/05/86-08/05/86	0	3	
CODA0173	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/05/86-08/05/86	0	1	
CODA0187	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/04/86-08/04/86	0	1	
CODA0192	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/04/86-08/04/86	0	1	
CODA0197	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/04/86-08/04/86	0	2	
CODA0013	Yes	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	08/06/86-08/06/86	0	2	
CODA0035	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	08/06/86-08/06/86	0	1	
CODA0049	Yes	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	08/06/86-08/06/86	0	1	
CODA0077	Yes	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	08/06/86-08/06/86	0	1	
CODA0093	Yes	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	08/06/86-08/06/86	0	3	
CODA0112	Yes	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	08/05/86-08/05/86	0	1	
CODA0125	Yes	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	08/05/86-08/05/86	0	1	
CODA0144	Yes	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	08/05/86-08/05/86	0	1	
CODA0148	Yes	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	08/05/86-08/05/86	0	1	
CODA0171	Yes	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	08/05/86-08/05/86	0	3	
CODA0173	Yes	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	08/05/86-08/05/86	0	1	
CODA0187	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	08/04/86-08/04/86	0	1	
CODA0192	Yes	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	08/04/86-08/04/86	0	1	
CODA0197	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	08/04/86-08/04/86	0	2	
CODA0013	Yes	01360	SAMPLE LENGTH CM	09/26/86-09/26/86	0	11	
CODA0126	Yes	01360	SAMPLE LENGTH CM	09/23/86-09/23/86	0	9	
CODA0171	Yes	01360	SAMPLE LENGTH CM	09/24/86-09/24/86	0	1	
CODA0197	No	01360	SAMPLE LENGTH CM	09/25/86-09/25/86	0	9	
CODA0021	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	07/24/84-07/22/85	0	13	
CODA0002	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0007	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0011	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0012	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0029	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0031	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0037	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/14/92-10/14/92	0	1	
CODA0044	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0048	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0050	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0055	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0056	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0057	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0068	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0085	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0086	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0087	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0090	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0091	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0092	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0113	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0122	No	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0124	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0129	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0130	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0131	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0134	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0139	No	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0140	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0143	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0145	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0146	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0149	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0150	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0151	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0152	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0158	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0165	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0169	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0170	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0174	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0175	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0176	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0177	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0178	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0181	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0188	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0189	Yes	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0194	No	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0195	No	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0196	No	04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0002	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0007	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0011	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0012	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0029	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0031	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0037	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/14/92-10/14/92	0	1	
CODA0044	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0048	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0050	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0055	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0056	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0057	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0068	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0085	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0086	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0087	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0090	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0091	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0092	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0113	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0122	No	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0124	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0129	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0130	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0131	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0134	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0139	No	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0140	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0143	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0145	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0146	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0149	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0150	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0151	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0152	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0158	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0165	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0169	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0170	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0174	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0175	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0176	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0177	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0178	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0181	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0188	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0189	Yes	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0194	No	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0195	No	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0196	No	04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0002	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0007	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0011	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0012	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0029	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0031	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0037	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/14/92-10/14/92	0	1	
CODA0044	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0048	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0050	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0055	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0056	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0057	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0068	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0085	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0086	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0087	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0090	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0091	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0092	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0113	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0122	No	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0124	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0129	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0130	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0131	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0134	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0139	No	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0140	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0143	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0145	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0146	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0149	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0150	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0151	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0152	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0158	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0165	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0169	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0170	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0174	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0175	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0176	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0177	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0178	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0181	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0188	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0189	Yes	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0194	No	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0195	No	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0196	No	04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0002	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0007	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0011	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0012	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0029	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0031	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0037	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/14/92-10/14/92	0	1	
CODA0044	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0048	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0050	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0055	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0056	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0057	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0068	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0085	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0086	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0087	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0090	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0091	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0092	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0113	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0122	No	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0124	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0129	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0130	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0131	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0134	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0139	No	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0140	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0143	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0145	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0146	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0149	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0150	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0151	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0152	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0158	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0165	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0169	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0170	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0174	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0175	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0176	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0177	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0178	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0181	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0188	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0189	Yes	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0194	No	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0195	No	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0196	No	04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0002	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0007	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0011	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0012	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0029	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0031	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0037	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/14/92-10/14/92	0	1	
CODA0044	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0048	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0050	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0055	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0056	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0057	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0068	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0085	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0086	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0087	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0090	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0091	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0092	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0113	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0122	No	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0124	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0129	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0130	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0131	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0134	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0139	No	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0140	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0143	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0145	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0146	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0149	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0150	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0151	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0152	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0158	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0165	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0169	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0170	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0174	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0175	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0176	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0177	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0178	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0181	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0188	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0189	Yes	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0194	No	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0195	No	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0196	No	04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0002	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0007	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0011	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0012	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0029	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0031	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0037	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/14/92-10/14/92	0	1	
CODA0044	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0048	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0050	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0055	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0056	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0057	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0068	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0085	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0086	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0087	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0090	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0091	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0092	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0113	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0122	No	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0124	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0129	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0130	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0131	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0134	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0139	No	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0140	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0143	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0145	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0146	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0149	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0150	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0151	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0152	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0158	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0165	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0169	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0170	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0174	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0175	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0176	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0177	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0178	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0181	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0188	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0189	Yes	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0194	No	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0195	No	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0196	No	04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0002	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0007	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0011	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0012	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0029	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0031	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0037	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/14/92-10/14/92	0	1	
CODA0044	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0048	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0050	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0055	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0056	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0057	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0068	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0085	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0086	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0087	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0090	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0091	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0092	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0113	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0122	No	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0124	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0129	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0130	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0131	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0134	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0139	No	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0140	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0143	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0145	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0146	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0149	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0150	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0151	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0152	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0158	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0165	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0169	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0170	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0174	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0175	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0176	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0177	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0178	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0181	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0188	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0189	Yes	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0194	No	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0195	No	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0196	No	04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0002	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0007	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0011	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0012	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0029	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0031	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0037	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/14/92-10/14/92	0	1	
CODA0044	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0048	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0050	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	0	1	
CODA0055	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0056	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0057	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0068	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	0	1	
CODA0085	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0086	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0087	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	0	1	
CODA0090	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0091	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0092	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	0	1	
CODA0113	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0122	No	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0124	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0129	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0130	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0131	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0134	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	0	1	
CODA0139	No	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0140	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0143	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0145	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0146	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0149	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0150	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0151	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0152	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0158	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	0	1	
CODA0165	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0169	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0170	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0174	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0175	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0176	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0177	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0178	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	0	1	
CODA0181	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0188	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0189	Yes	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	0	1	
CODA0194	No	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0195	No	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0196	No	04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	0	1	
CODA0002	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0007	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0011	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0012	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0029	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0031	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0037	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/14/92-10/14/92	0	1	
CODA0044	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0048	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0050	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0055	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0056	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0057	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0068	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0085	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0086	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0087	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0090	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0091	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0092	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0113	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0122	No	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0124	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0129	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0130	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0131	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0134	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0139	No	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0140	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0143	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0145	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0146	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0149	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0150	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0151	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0152	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0158	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0165	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0169	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0170	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0174	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0175	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0176	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0177	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0178	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0181	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0188	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0189	Yes	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0194	No	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	0	1	
CODA0195	No	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	0	1	
CODA0196	No	04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	0	1	
CODA0002	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0007	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0011	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0012	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0029	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0031	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0037	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/14/92-10/14/92	0	1	
CODA0044	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0048	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0050	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0055	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0056	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0057	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0068	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0085	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0086	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0087	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0090	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0091	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0092	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0113	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0122	No	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0124	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0129	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0130	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0131	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0134	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0139	No	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0140	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0143	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0145	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0146	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0149	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0150	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0151	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0152	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0158	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0165	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0169	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0170	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0174	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0175	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0176	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0177	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0178	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0181	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0188	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0189	Yes	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0194	No	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	0	1	
CODA0195	No	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	0	1	
CODA0196	No	04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	0	1	
CODA0002	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0007	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0011	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0012	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0029	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0031	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0037	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/14/92-10/14/92	0	1	
CODA0044	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0048	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0050	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0055	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0056	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0057	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0068	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0085	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0086	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0087	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0090	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0091	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0092	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0113	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0122	No	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0124	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0129	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0130	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0131	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0134	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0139	No	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0140	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0143	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0145	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0146	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0149	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0150	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0151	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0152	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0158	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0165	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0169	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0170	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0174	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0175	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0176	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0177	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0178	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0181	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0188	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0189	Yes	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0194	No	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	0	1	
CODA0195	No	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	0	1	
CODA0196	No	04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	0	1	
CODA0002	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0007	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0011	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0012	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0029	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0031	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0037	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/14/92-10/14/92	0	1	
CODA0044	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0048	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0050	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0055	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0056	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0057	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0068	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0085	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0086	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0087	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0090	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0091	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0092	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0113	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0122	No	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0124	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0129	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0130	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0131	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0134	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0139	No	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0140	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0143	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0145	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0146	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0149	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0150	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0151	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0152	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0158	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0165	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0169	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0170	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0174	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0175	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0176	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0177	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0178	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0181	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0188	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0189	Yes	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0194	No	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	0	1	
CODA0195	No	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	0	1	
CODA0196	No	04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0002	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0007	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0011	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0012	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0029	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0031	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0037	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/14/92-10/14/92	0	1	
CODA0044	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0048	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0050	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	0	1	
CODA0055	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0056	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0057	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0068	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	0	1	
CODA0085	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0086	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0087	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	0	1	
CODA0090	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0091	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0092	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	0	1	
CODA0113	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0122	No	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0124	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0129	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0130	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0131	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0134	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	0	1	
CODA0139	No	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0140	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0143	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0145	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0146	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0149	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0150	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0151	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0152	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0158	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	0	1	
CODA0165	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0169	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0170	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0174	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0175	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0176	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0177	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0178	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	0	1	
CODA0181	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0188	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0189	Yes	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	0	1	
CODA0194	No	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	0	1	
CODA0195	No	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	0	1	
CODA0196	No	04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	0	1	
CODA0021	No	09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	04/30/80-07/22/85	5	17	
CODA0032	No	09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	09/08/88-09/08/88	0	1	
CODA0021	No	22703	URANIUM, NATURAL, DISSOLVED	04/30/80-07/22/85	5	16	
CODA0032	No	22703	URANIUM, NATURAL, DISSOLVED	09/08/88-09/08/88	0	1	
CODA0002	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/13/92-10/13/92	0	1	
CODA0007	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/13/92-10/13/92	0	1	
CODA0011	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/13/92-10/13/92	0	1	
CODA0012	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/13/92-10/13/92	0	1	
CODA0029	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/12/92-10/12/92	0	1	
CODA0031	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/15/92-10/15/92	0	1	
CODA0037	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/14/92-10/14/92	0	1	
CODA0044	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/13/92-10/13/92	0	1	
CODA0048	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/13/92-10/13/92	0	1	
CODA0050	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/13/92-10/13/92	0	1	
CODA0055	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/16/92-10/16/92	0	1	
CODA0056	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/16/92-10/16/92	0	1	
CODA0057	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/16/92-10/16/92	0	1	
CODA0068	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/16/92-10/16/92	0	1	
CODA0085	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/12/92-10/12/92	0	1	
CODA0086	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/12/92-10/12/92	0	1	
CODA0087	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/12/92-10/12/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0090	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/15/92-10/15/92	0	1	
CODA0091	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/15/92-10/15/92	0	1	
CODA0092	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/15/92-10/15/92	0	1	
CODA0113	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/10/92-10/10/92	0	1	
CODA0122	No	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/10/92-10/10/92	0	1	
CODA0124	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/10/92-10/10/92	0	1	
CODA0129	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/10/92-10/10/92	0	1	
CODA0130	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/10/92-10/10/92	0	1	
CODA0131	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/10/92-10/10/92	0	1	
CODA0134	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/10/92-10/10/92	0	1	
CODA0139	No	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/09/92-10/09/92	0	1	
CODA0140	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/09/92-10/09/92	0	1	
CODA0143	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/09/92-10/09/92	0	1	
CODA0145	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/09/92-10/09/92	0	1	
CODA0146	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/09/92-10/09/92	0	1	
CODA0149	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	0	1	
CODA0150	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	0	1	
CODA0151	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	0	1	
CODA0152	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	0	1	
CODA0158	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/09/92-10/09/92	0	1	
CODA0165	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	0	1	
CODA0169	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	0	1	
CODA0170	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	0	1	
CODA0174	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/07/92-10/07/92	0	1	
CODA0175	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/07/92-10/07/92	0	1	
CODA0176	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	0	1	
CODA0177	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	0	1	
CODA0178	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	0	1	
CODA0181	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/07/92-10/07/92	0	1	
CODA0189	Yes	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/07/92-10/07/92	0	1	
CODA0194	No	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/06/92-10/06/92	0	1	
CODA0195	No	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/06/92-10/06/92	0	1	
CODA0196	No	30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/06/92-10/06/92	0	1	
CODA0002	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0007	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0011	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0012	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0029	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	0	1	
CODA0031	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/15/92-10/15/92	0	1	
CODA0037	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/14/92-10/14/92	0	1	
CODA0044	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0048	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0050	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0055	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	0	1	
CODA0056	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	0	1	
CODA0057	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	0	1	
CODA0068	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	0	1	
CODA0085	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	0	1	
CODA0086	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	0	1	
CODA0087	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	0	1	
CODA0090	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/15/92-10/15/92	0	1	
CODA0091	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/15/92-10/15/92	0	1	
CODA0092	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/15/92-10/15/92	0	1	
CODA0113	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0122	No	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0124	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0129	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0130	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0131	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0134	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0139	No	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	0	1	
CODA0140	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	0	1	
CODA0143	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	0	1	
CODA0145	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	0	1	
CODA0146	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	0	1	
CODA0149	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0150	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0151	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0152	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0158	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	0	1	
CODA0165	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0169	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0170	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0174	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	0	1	
CODA0175	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	0	1	
CODA0176	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0177	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0178	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0181	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	0	1	
CODA0188	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	0	1	
CODA0189	Yes	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	0	1	
CODA0194	No	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	0	1	
CODA0195	No	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	0	1	
CODA0196	No	30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	0	1	
CODA0002	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0007	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0011	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0012	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0029	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	0	1	
CODA0031	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/15/92-10/15/92	0	1	
CODA0037	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/14/92-10/14/92	0	1	
CODA0044	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0048	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0050	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0055	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	0	1	
CODA0056	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	0	1	
CODA0057	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	0	1	
CODA0068	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	0	1	
CODA0085	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	0	1	
CODA0086	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	0	1	
CODA0087	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	0	1	
CODA0090	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/15/92-10/15/92	0	1	
CODA0091	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/15/92-10/15/92	0	1	
CODA0092	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/15/92-10/15/92	0	1	
CODA0113	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0122	No	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0124	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0129	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0130	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0131	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0134	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0139	No	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	0	1	
CODA0140	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	0	1	
CODA0143	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	0	1	
CODA0145	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	0	1	
CODA0146	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	0	1	
CODA0149	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0150	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0151	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0152	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0158	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	0	1	
CODA0165	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0169	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0170	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0174	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	0	1	
CODA0175	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	0	1	
CODA0176	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0177	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0178	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0181	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	0	1	
CODA0188	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	0	1	
CODA0189	Yes	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	0	1	
CODA0194	No	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	0	1	
CODA0195	No	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	0	1	
CODA0196	No	30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	0	1	
CODA0012	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0037	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/14/92-10/14/92	0	1	
CODA0044	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0048	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0050	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	0	1	
CODA0055	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	0	1	
CODA0056	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	0	1	
CODA0057	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	0	1	
CODA0068	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0085	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	0	1	
CODA0086	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	0	1	
CODA0122	No	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0124	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0129	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0134	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	0	1	
CODA0139	No	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	0	1	
CODA0140	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	0	1	
CODA0145	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	0	1	
CODA0146	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	0	1	
CODA0149	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0150	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0151	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0152	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0158	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	0	1	
CODA0165	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0169	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0170	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0174	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	0	1	
CODA0175	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	0	1	
CODA0176	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0177	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0178	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	0	1	
CODA0181	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	0	1	
CODA0188	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	0	1	
CODA0189	Yes	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	0	1	
CODA0194	No	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	0	1	
CODA0195	No	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	0	1	
CODA0196	No	30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	0	1	
CODA0008	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/14/72-09/15/72	0	2	
CODA0043	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/13/72-04/13/72	0	1	
CODA0070	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/71-09/23/76	4	48	
CODA0071	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/27/76-05/27/76	0	1	
CODA0076	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/13/72-04/13/72	0	1	
CODA0079	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/19/72-04/19/72	0	1	
CODA0080	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/13/72-04/13/72	0	1	
CODA0081	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-04/17/72	0	1	
CODA0084	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/13/72-04/13/72	0	1	
CODA0088	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/13/72-04/13/72	0	1	
CODA0094	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/12/72-04/12/72	0	1	
CODA0095	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/12/72-04/12/72	0	1	
CODA0096	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/12/72-04/12/72	0	1	
CODA0099	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/12/72-04/12/72	0	1	
CODA0101	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/72-04/11/72	0	1	
CODA0103	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/12/72-04/12/72	0	1	
CODA0105	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/15/76-06/10/76	0	4	
CODA0106	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/71-09/23/76	4	44	
CODA0108	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/19/72-04/19/72	0	1	
CODA0114	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/72-04/11/72	0	1	
CODA0116	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/72-04/11/72	0	1	
CODA0118	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/72-04/11/72	0	1	
CODA0127	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/72-04/11/72	0	1	
CODA0133	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/72-04/11/72	0	1	
CODA0136	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/72-04/11/72	0	1	
CODA0154	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/13/71-08/19/75	3	20	
CODA0155	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/11/68-02/15/70	1	6	
CODA0172	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/67-06/27/68	0	3	
CODA0184	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/13/71-05/10/76	4	24	
CODA0185	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/11/68-02/15/70	1	6	
CODA0137	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/21/76-11/08/77	1	4	
CODA0138	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/21/76-11/08/77	1	4	
CODA0001	Yes	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/23/70-11/24/70	0	16	
CODA0003	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	05/06/70-11/24/70	0	14	
CODA0006	Yes	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	05/06/70-11/24/70	0	15	
CODA0016	Yes	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	05/06/70-11/24/70	0	17	
CODA0017	Yes	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	05/06/70-11/24/70	0	17	
CODA0033	Yes	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	05/06/70-11/24/70	0	17	
CODA0034	Yes	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	05/06/70-11/24/70	0	17	
CODA0042	Yes	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	05/06/70-11/24/70	0	17	
CODA0045	Yes	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	05/06/70-11/24/70	0	17	
CODA0071	Yes	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	10/12/71-09/23/76	4	49	
CODA0105	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	10/12/71-09/23/76	4	45	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0155	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	10/13/71-08/19/75	3	21	
CODA0185	Yes	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	10/13/71-08/19/75	3	21	
CODA0105	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/27/60-03/22/66	5	21	
CODA0155	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/27/60-08/23/70	10	44	
CODA0185	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/27/60-08/23/70	10	38	
CODA0106	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/27/60-09/27/66	6	23	
CODA0154	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/27/60-08/23/70	10	64	
CODA0155	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	03/17/64-11/11/68	4	17	
CODA0184	Yes	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/27/60-08/23/70	10	52	
CODA0008	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/14/72-09/15/72	0	2	
CODA0030	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/05/90-09/10/92	1	20	
CODA0041	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	0	24	
CODA0043	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-06/17/72	0	1	
CODA0051	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	0	16	
CODA0052	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	0	56	
CODA0053	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	0	22	
CODA0054	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	0	16	
CODA0067	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	0	24	
CODA0069	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/20/76-06/17/77	0	5	
CODA0070	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/74-09/23/76	1	28	
CODA0071	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	19	196	A
CODA0076	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	0	3	
CODA0079	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/72-12/20/72	0	3	
CODA0080	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/72-06/18/72	0	1	
CODA0081	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/72-12/14/72	0	3	
CODA0084	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	0	3	
CODA0088	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/72-12/12/72	0	3	
CODA0094	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	0	3	
CODA0095	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/72-12/12/72	0	3	
CODA0096	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/72-12/20/72	0	3	
CODA0099	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/72-12/12/72	0	3	
CODA0101	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	0	3	
CODA0103	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/72-12/20/72	0	3	
CODA0105	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	19	169	
CODA0106	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/72-09/23/76	4	29	
CODA0108	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/72-12/20/72	0	3	
CODA0109	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/20/72-12/20/72	0	1	
CODA0114	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	0	3	
CODA0116	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	0	3	
CODA0118	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/11/72	0	3	
CODA0127	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/11/72	0	3	
CODA0133	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/11/72	0	3	
CODA0136	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/11/72	0	3	
CODA0154	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/22/74-08/19/75	0	4	
CODA0155	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	18	149	
CODA0184	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/22/74-05/10/76	1	8	
CODA0185	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	18	144	
CODA0105	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/21/77-06/02/80	2	17	
CODA0106	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/21/77-06/02/80	2	17	
CODA0051	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/22/80-07/22/80	0	1	
CODA0054	Yes	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/23/79-09/26/79	0	5	
CODA0046	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/03/75-09/10/75	0	3	
CODA0008	No	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	09/16/75-09/08/77	1	2	
CODA0069	Yes	32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	08/11/77-08/11/77	0	1	
CODA0008	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	11/02/76-11/02/76	0	1	
CODA0069	Yes	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	09/08/76-09/08/76	0	1	
CODA0011	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0169	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34223	ANTHRACENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/09/92-10/09/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0169	Yes	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34323	CHRYSENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34379	FLUORANTHENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34384	FLUORENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34384	FLUORENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34384	FLUORENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34384	FLUORENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34384	FLUORENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34384	FLUORENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34384	FLUORENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34384	FLUORENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34384	FLUORENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0169	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34411	ISOPHORONE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34411	ISOPHORONE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34411	ISOPHORONE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34411	ISOPHORONE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34411	ISOPHORONE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34411	ISOPHORONE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34411	ISOPHORONE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34411	ISOPHORONE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34411	ISOPHORONE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34445	NAPHTHALENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34450	NITROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34450	NITROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34450	NITROBENZENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34450	NITROBENZENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34450	NITROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34450	NITROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34450	NITROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34450	NITROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34450	NITROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0169	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34464	PHENANTHRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34472	PYRENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34472	PYRENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34472	PYRENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34472	PYRENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34472	PYRENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34472	PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34472	PYRENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34472	PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34472	PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0119	No	34475	TETRACHLOROETHYLENE TOTWUG/L	02/27/80-02/27/80	0	1	
CODA0120	No	34475	TETRACHLOROETHYLENE TOTWUG/L	02/27/80-02/27/80	0	1	
CODA0121	No	34475	TETRACHLOROETHYLENE TOTWUG/L	02/27/80-02/27/80	0	1	
CODA0119	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	02/27/80-02/27/80	0	1	
CODA0120	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	02/27/80-02/27/80	0	1	
CODA0121	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	02/27/80-02/27/80	0	1	
CODA0011	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0044	Yes	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0044	Yes	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0011	Yes	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/08/92-10/08/92	0	1	
CODA0185	Yes	34670	PCB - 1260 WET WGTTISMG/KG	09/13/82-09/13/82	0	2	
CODA0047	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/01/86-10/01/86	0	3	
CODA0185	Yes	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	09/13/82-09/13/82	0	2	
CODA0047	No	34684	DIELDRIN TISMG/KG	10/01/70-10/01/86	16	37	
CODA0047	No	34685	ENDRIN WET WGTTISMG/KG	10/01/70-10/01/86	16	37	
CODA0185	Yes	34685	ENDRIN WET WGTTISMG/KG	09/13/82-09/13/82	0	2	
CODA0047	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	10/01/86-10/01/86	0	3	
CODA0047	No	34687	HEPTACHLOR WET WGTTISMG/KG	10/01/70-10/01/86	16	37	
CODA0047	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/01/76-10/01/86	10	15	
CODA0185	Yes	34690	PCB - 1254 WET WGTTISMG/KG	09/13/82-09/13/82	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0047	No	34691	TOXAPHENE WET WGTTISMG/KG	10/01/71-10/01/86	15	33	
CODA0011	Yes	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/08/92-10/08/92	0	1	
CODA0185	Yes	39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	09/13/82-09/13/82	0	2	
CODA0011	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/08/92-10/08/92	0	1	
CODA0047	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/01/76-10/01/86	10	15	
CODA0047	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/01/76-10/01/86	10	15	
CODA0047	No	39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	10/01/76-10/01/86	10	15	
CODA0185	Yes	39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	09/13/82-09/13/82	0	2	
CODA0047	No	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/01/76-10/01/86	10	15	
CODA0185	Yes	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	09/13/82-09/13/82	0	2	
CODA0047	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/01/70-10/01/86	16	19	
CODA0185	Yes	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	09/13/82-09/13/82	0	2	
CODA0011	Yes	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/08/92-10/08/92	0	1	
CODA0047	No	39105	PERCENT FAT HEXANE EXTRACTION	10/01/70-10/01/86	16	37	
CODA0011	Yes	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/13/92-10/13/92	0	1	
CODA0044	Yes	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/13/92-10/13/92	0	1	
CODA0057	Yes	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/16/92-10/16/92	0	1	
CODA0091	Yes	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/15/92-10/15/92	0	1	
CODA0140	Yes	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/09/92-10/09/92	0	1	
CODA0149	Yes	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	0	1	
CODA0158	Yes	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/09/92-10/09/92	0	1	
CODA0169	Yes	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	0	1	
CODA0177	Yes	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	0	1	
CODA0119	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	02/27/80-02/27/80	0	1	
CODA0120	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	02/27/80-02/27/80	0	1	
CODA0121	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	02/27/80-02/27/80	0	1	
CODA0047	No	39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/01/70-10/01/86	16	37	
CODA0185	Yes	39302	P P DDT IN TISSUE WET WGT (UG/G)	09/13/82-09/13/82	0	2	
CODA0185	Yes	39307	O P DDT IN TISSUE WET WGT (UG/G)	09/13/82-09/13/82	0	2	
CODA0185	Yes	39312	P P DDD IN TISSUE WET WGT (UG/G)	09/13/82-09/13/82	0	2	
CODA0185	Yes	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/13/82-09/13/82	0	2	
CODA0008	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	0	7	
CODA0008	No	39336	BHC-ALPHA, WATER, WHOLE LBS/DAY	10/11/72-12/12/72	0	4	
CODA0008	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/11/72-12/12/72	0	4	
CODA0008	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/11/72-08/20/73	0	7	
CODA0008	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/11/72-08/20/73	0	7	
CODA0008	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	0	7	
CODA0008	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	0	7	
CODA0008	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	0	7	
CODA0185	Yes	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	09/13/82-09/13/82	0	2	
CODA0008	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	0	7	
CODA0185	Yes	39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	09/13/82-09/13/82	0	2	
CODA0008	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	0	7	
CODA0185	Yes	39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/13/82-09/13/82	0	2	
CODA0008	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	0	7	
CODA0185	Yes	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/13/82-09/13/82	0	2	
CODA0008	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	0	7	
CODA0008	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	0	7	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0185	Yes	39482	METHOXYCHLOR IN FISH - UG/KG	09/13/82-09/13/82	0	2	
CODA0008	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/12/73-08/20/73	0	3	
CODA0185	Yes	39525	PCBS TOTAL,FISH TISSUE WET (ISOMER ANALYSES) MG/KG	09/13/82-09/13/82	0	2	
CODA0011	Yes	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/13/92-10/13/92	0	1	
CODA0044	Yes	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/13/92-10/13/92	0	1	
CODA0057	Yes	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/16/92-10/16/92	0	1	
CODA0091	Yes	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/15/92-10/15/92	0	1	
CODA0140	Yes	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/09/92-10/09/92	0	1	
CODA0149	Yes	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/08/92-10/08/92	0	1	
CODA0158	Yes	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/09/92-10/09/92	0	1	
CODA0169	Yes	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/08/92-10/08/92	0	1	
CODA0177	Yes	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/08/92-10/08/92	0	1	
CODA0185	Yes	39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	09/13/82-09/13/82	0	2	
CODA0011	Yes	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/13/92-10/13/92	0	1	
CODA0044	Yes	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/13/92-10/13/92	0	1	
CODA0057	Yes	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/16/92-10/16/92	0	1	
CODA0091	Yes	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/15/92-10/15/92	0	1	
CODA0140	Yes	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/09/92-10/09/92	0	1	
CODA0149	Yes	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/08/92-10/08/92	0	1	
CODA0158	Yes	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/09/92-10/09/92	0	1	
CODA0169	Yes	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/08/92-10/08/92	0	1	
CODA0177	Yes	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/08/92-10/08/92	0	1	
CODA0047	No	39781	LINDANE AQUATIC ORGANISMS WT WGT BASIS(UG/G)	10/01/86-10/01/86	0	3	
CODA0008	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	0	7	
CODA0047	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/01/76-10/01/84	8	12	
CODA0185	Yes	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	09/13/82-09/13/82	0	2	
CODA0185	Yes	45554	O,P'-DDD IN TISSUE WET WEIGHT UG/KG	09/13/82-09/13/82	0	2	
CODA0021	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/30/80-07/22/85	5	17	
CODA0032	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/08/88-09/08/88	0	1	
CODA0069	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/30/76-09/09/77	0	5	
CODA0070	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/12/71-09/26/72	0	22	
CODA0071	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/11/48-09/26/72	23	173	T
CODA0078	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/80-08/11/81	0	3	
CODA0082	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/81-08/18/81	0	1	
CODA0097	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/80-08/13/81	0	3	
CODA0098	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/79-10/03/79	0	1	
CODA0100	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/10/80-10/10/80	0	1	
CODA0102	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/80-08/11/81	0	3	
CODA0105	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-03/22/66	5	22	
CODA0106	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-09/27/66	6	24	
CODA0107	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/80-08/11/81	0	3	
CODA0110	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/80-08/11/81	0	3	
CODA0115	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/10/80-10/10/80	0	1	
CODA0117	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/08/80-08/14/81	0	3	
CODA0123	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/04/79-10/04/79	0	1	
CODA0132	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/08/80-08/14/81	0	3	
CODA0135	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/25/80-09/25/80	0	1	
CODA0154	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	10	64	
CODA0155	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	10	68	
CODA0184	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	10	56	
CODA0185	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	10	47	
CODA0021	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/30/80-11/17/80	0	4	
CODA0054	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/09/77-05/11/78	1	3	
CODA0106	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/27/60-09/27/66	6	23	
CODA0137	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/08/74-11/08/74	0	1	
CODA0138	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/08/74-11/08/74	0	1	
CODA0141	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/12/74-09/12/74	0	1	
CODA0142	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/12/74-09/12/74	0	1	
CODA0154	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/68-08/23/70	2	7	
CODA0155	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/68-08/11/68	0	1	
CODA0184	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/09/69-08/23/70	1	5	
CODA0070	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/12/71-09/26/72	0	22	
CODA0071	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/71-10/19/71	0	1	
CODA0154	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/03/61-08/23/70	9	16	
CODA0155	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/17/64-11/11/68	4	7	
CODA0184	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	02/23/67-02/23/67	0	1	
CODA0021	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/30/80-11/17/80	0	4	
CODA0070	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/12/71-09/26/72	0	22	
CODA0071	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/12/71-09/26/72	0	22	
CODA0106	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/27/60-09/27/66	6	24	
CODA0154	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/03/61-08/23/70	9	16	
CODA0155	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/17/64-11/11/68	4	7	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0184	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12/17/62-08/23/70	7	27	
CODA0013	Yes	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	08/06/86-08/06/86	0	2	
CODA0035	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	08/06/86-08/06/86	0	1	
CODA0049	Yes	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	08/06/86-08/06/86	0	1	
CODA0077	Yes	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	08/06/86-08/06/86	0	1	
CODA0093	Yes	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	08/06/86-08/06/86	0	2	
CODA0112	Yes	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	08/05/86-08/05/86	0	1	
CODA0125	Yes	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	08/05/86-08/05/86	0	1	
CODA0144	Yes	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	08/05/86-08/05/86	0	1	
CODA0148	Yes	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	08/05/86-08/05/86	0	1	
CODA0171	Yes	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	08/05/86-08/05/86	0	2	
CODA0173	Yes	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	08/05/86-08/05/86	0	1	
CODA0185	Yes	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	09/13/82-09/13/82	0	3	
CODA0187	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	08/04/86-08/04/86	0	1	
CODA0192	Yes	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	08/04/86-08/04/86	0	1	
CODA0197	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	08/04/86-08/04/86	0	2	
CODA0047	No	70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	10/01/78-10/01/86	8	12	
CODA0008	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	09/08/77-09/08/77	0	1	
CODA0069	Yes	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	08/11/77-08/11/77	0	1	
CODA0137	No	70324	SOLIDS, VOLATILE SUSPENDED IN MIXED LIQUOR (MG/L)	05/15/75-05/15/75	0	1	
CODA0138	No	70324	SOLIDS, VOLATILE SUSPENDED IN MIXED LIQUOR (MG/L)	05/15/75-05/15/75	0	1	
CODA0002	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	0	1	
CODA0007	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	0	1	
CODA0011	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	0	1	
CODA0012	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	0	1	
CODA0029	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/12/92-10/12/92	0	1	
CODA0037	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/14/92-10/14/92	0	1	
CODA0044	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	0	1	
CODA0048	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	0	1	
CODA0050	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	0	1	
CODA0055	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/16/92-10/16/92	0	1	
CODA0056	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/16/92-10/16/92	0	1	
CODA0057	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/16/92-10/16/92	0	1	
CODA0068	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/16/92-10/16/92	0	1	
CODA0085	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/12/92-10/12/92	0	1	
CODA0086	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/12/92-10/12/92	0	1	
CODA0087	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/12/92-10/12/92	0	1	
CODA0090	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/92-10/15/92	0	1	
CODA0091	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/92-10/15/92	0	1	
CODA0092	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/92-10/15/92	0	1	
CODA0113	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	0	1	
CODA0122	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	0	1	
CODA0124	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	0	1	
CODA0129	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	0	1	
CODA0130	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	0	1	
CODA0131	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	0	1	
CODA0134	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	0	1	
CODA0139	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	0	1	
CODA0140	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	0	1	
CODA0143	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	0	1	
CODA0145	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	0	1	
CODA0146	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	0	1	
CODA0149	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0150	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0151	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0152	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0158	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	0	1	
CODA0165	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0169	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0170	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0174	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	0	1	
CODA0175	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	0	1	
CODA0176	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0177	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0178	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0181	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	0	1	
CODA0188	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	0	1	
CODA0189	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	0	1	
CODA0194	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/06/92-10/06/92	0	1	
CODA0195	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/06/92-10/06/92	0	1	
CODA0196	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/06/92-10/06/92	0	1	
CODA0001	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	0	10	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0003	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	0	11	
CODA0006	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	0	11	
CODA0016	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	0	11	
CODA0017	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	0	11	
CODA0033	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	0	11	
CODA0034	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	0	11	
CODA0042	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	0	11	
CODA0045	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	0	11	
CODA0078	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/15/80-08/11/81	0	3	
CODA0082	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/18/81-08/18/81	0	1	
CODA0097	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/03/80-08/13/81	0	3	
CODA0098	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/03/79-10/03/79	0	1	
CODA0100	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/10/80-10/10/80	0	1	
CODA0102	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/01/80-08/11/81	0	3	
CODA0106	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/27/60-09/21/65	5	21	
CODA0107	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/15/80-08/11/81	0	3	
CODA0110	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/01/80-08/11/81	0	3	
CODA0115	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/10/80-10/10/80	0	1	
CODA0117	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/08/80-08/14/81	0	3	
CODA0123	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/04/79-10/04/79	0	1	
CODA0132	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/08/80-08/14/81	0	3	
CODA0135	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/25/80-09/25/80	0	1	
CODA0070	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/25/79-06/18/80	1	14	
CODA0106	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/08/79-06/02/80	1	8	
CODA0154	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/08/79-06/11/80	1	13	
CODA0184	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/08/79-06/11/80	1	13	
CODA0021	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/20/05-05/20/85	80	2	
CODA0184	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	02/20/62-02/20/62	0	1	
CODA0070	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/11/72-09/26/72	0	3	
CODA0076	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/12/72-12/12/72	0	1	
CODA0081	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/14/72-12/14/72	0	2	
CODA0084	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/12/72-12/12/72	0	1	
CODA0094	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/12/72-12/12/72	0	1	
CODA0101	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/12/72-12/12/72	0	1	
CODA0109	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/20/72-12/20/72	0	1	
CODA0114	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/12/72-12/12/72	0	1	
CODA0116	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/12/72-12/12/72	0	1	
CODA0118	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/11/72-12/11/72	0	1	
CODA0127	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/11/72-12/11/72	0	1	
CODA0133	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/11/72-12/11/72	0	1	
CODA0136	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/11/72-12/11/72	0	1	
CODA0154	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/27/60-09/27/72	12	68	
CODA0155	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/17/64-11/11/68	4	19	
CODA0184	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/27/60-09/27/72	12	59	
CODA0070	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/11/72-09/26/72	0	3	
CODA0076	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/12/72-12/12/72	0	1	
CODA0081	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/14/72-12/14/72	0	2	
CODA0084	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/12/72-12/12/72	0	1	
CODA0094	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/12/72-12/12/72	0	1	
CODA0101	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/12/72-12/12/72	0	1	
CODA0109	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/20/72-12/20/72	0	1	
CODA0114	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/12/72-12/12/72	0	1	
CODA0116	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/12/72-12/12/72	0	1	
CODA0127	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/11/72-12/11/72	0	1	
CODA0133	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/11/72-12/11/72	0	1	
CODA0136	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/11/72-12/11/72	0	1	
CODA0154	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/12/72-09/27/72	0	3	
CODA0184	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/12/72-09/27/72	0	3	
CODA0041	Yes	71875	HYDROGEN SULFIDE (MG/L)	06/19/80-08/06/80	0	24	
CODA0051	Yes	71875	HYDROGEN SULFIDE (MG/L)	06/19/80-08/06/80	0	16	
CODA0052	Yes	71875	HYDROGEN SULFIDE (MG/L)	06/19/80-08/06/80	0	56	
CODA0053	Yes	71875	HYDROGEN SULFIDE (MG/L)	06/19/80-08/06/80	0	22	
CODA0054	Yes	71875	HYDROGEN SULFIDE (MG/L)	06/19/80-08/06/80	0	16	
CODA0067	Yes	71875	HYDROGEN SULFIDE (MG/L)	06/19/80-08/06/80	0	24	
CODA0137	No	71885	IRON (UG/L AS FE)	11/08/74-09/21/76	1	2	
CODA0138	No	71885	IRON (UG/L AS FE)	11/08/74-09/21/76	1	2	
CODA0141	No	71885	IRON (UG/L AS FE)	09/12/74-09/12/74	0	1	
CODA0142	No	71885	IRON (UG/L AS FE)	09/12/74-09/12/74	0	1	
CODA0154	No	71885	IRON (UG/L AS FE)	11/21/61-07/15/65	3	5	
CODA0155	No	71885	IRON (UG/L AS FE)	07/15/65-07/15/65	0	1	
CODA0184	Yes	71885	IRON (UG/L AS FE)	10/31/61-09/25/62	0	4	
CODA0070	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/25/79-06/18/80	1	14	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0106	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/08/79-06/02/80	1	8	
CODA0154	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/08/79-06/11/80	1	13	
CODA0184	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/08/79-06/11/80	1	13	
CODA0070	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/22/75-09/16/76	0	23	
CODA0008	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	01/18/73-09/25/73	0	3	
CODA0021	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/24/84-06/24/85	0	12	
CODA0008	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/14/72-09/25/73	1	22	
CODA0021	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/24/84-06/24/85	0	12	
CODA0039	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/26/80-04/26/80	0	1	
CODA0040	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/26/80-04/26/80	0	1	
CODA0043	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-06/17/72	0	1	
CODA0069	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	11/30/76-03/18/77	0	5	
CODA0070	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/12/71-09/26/72	0	21	
CODA0071	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/12/71-09/26/72	0	21	
CODA0075	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/26/80-04/26/80	0	1	
CODA0076	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/12/72	0	2	
CODA0079	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/18/72-09/12/72	0	2	
CODA0080	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/18/72-06/18/72	0	1	
CODA0081	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/15/72-09/14/72	0	2	
CODA0084	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/12/72	0	2	
CODA0088	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/18/72-09/12/72	0	2	
CODA0094	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/11/72	0	2	
CODA0095	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/18/72-09/12/72	0	2	
CODA0096	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/16/72-09/12/72	0	2	
CODA0098	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/79-10/03/79	0	1	
CODA0099	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/18/72-09/12/72	0	2	
CODA0101	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/11/72	0	2	
CODA0103	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/16/72-09/13/72	0	2	
CODA0105	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/12/71-09/23/76	4	45	
CODA0106	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/12/71-09/23/76	4	46	
CODA0108	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/16/72-09/13/72	0	2	
CODA0114	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/11/72	0	2	
CODA0116	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/11/72	0	2	
CODA0118	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/11/72	0	2	
CODA0125	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	09/23/86-09/23/86	0	1	
CODA0127	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/11/72	0	2	
CODA0133	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/11/72	0	2	
CODA0136	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/11/72	0	2	
CODA0154	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/13/71-09/27/72	0	17	
CODA0155	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/13/71-09/27/72	0	17	
CODA0184	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/13/71-09/27/72	0	17	
CODA0185	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/13/71-09/27/72	0	17	
CODA0013	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	09/26/86-09/26/86	0	2	
CODA0023	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/13/86-05/13/86	0	2	
CODA0030	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/06/91-08/07/91	0	7	
CODA0064	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/15/86-09/26/86	0	4	
CODA0093	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/14/86-08/27/86	0	2	
CODA0111	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/13/86-08/26/86	0	2	
CODA0125	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	09/23/86-09/23/86	0	2	
CODA0128	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/14/86-08/27/86	0	2	
CODA0148	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/13/86-05/13/86	0	1	
CODA0153	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	08/26/86-08/26/86	0	1	
CODA0171	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	09/24/86-09/24/86	0	2	
CODA0173	Yes	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/14/86-05/14/86	0	1	
CODA0186	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	08/26/86-08/26/86	0	1	
CODA0193	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/14/86-08/27/86	0	2	
CODA0197	No	71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/14/86-09/24/86	0	6	
CODA0098	No	71910	GOLD, TOTAL (UG/L AS AU)	10/03/79-10/03/79	0	1	
CODA0013	Yes	71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	08/06/86-08/06/86	0	2	
CODA0035	No	71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	08/06/86-08/06/86	0	1	
CODA0049	Yes	71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	08/06/86-08/06/86	0	1	
CODA0077	Yes	71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	08/06/86-08/06/86	0	1	
CODA0093	Yes	71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	08/06/86-08/06/86	0	3	
CODA0112	Yes	71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	08/05/86-08/05/86	0	1	
CODA0125	Yes	71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	08/05/86-08/05/86	0	1	
CODA0144	Yes	71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	08/05/86-08/05/86	0	1	
CODA0148	Yes	71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	08/05/86-08/05/86	0	1	
CODA0171	Yes	71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	08/05/86-08/05/86	0	3	
CODA0173	Yes	71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	08/05/86-08/05/86	0	1	
CODA0187	No	71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	08/04/86-08/04/86	0	1	
CODA0192	Yes	71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	08/04/86-08/04/86	0	1	
CODA0197	No	71920	MERCURY,TOT IN BOT DEPOS OR PULP(MG/KG,WET WGT)	08/04/86-08/04/86	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0007	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/13/92-10/13/92	0	1	
CODA0037	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/14/92-10/14/92	0	1	
CODA0044	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/13/92-10/13/92	0	1	
CODA0056	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/16/92-10/16/92	0	1	
CODA0069	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/30/76-11/30/76	0	1	
CODA0086	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/12/92-10/12/92	0	1	
CODA0091	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/15/92-10/15/92	0	1	
CODA0139	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/09/92-10/09/92	0	1	
CODA0140	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/09/92-10/09/92	0	1	
CODA0181	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/07/92-10/07/92	0	1	
CODA0189	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/07/92-10/07/92	0	1	
CODA0194	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/06/92-10/06/92	0	1	
CODA0013	Yes	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/26/86-09/26/86	0	11	
CODA0126	Yes	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/23/86-09/23/86	0	9	
CODA0171	Yes	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/24/86-09/24/86	0	1	
CODA0185	Yes	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/13/82-09/13/82	0	2	
CODA0197	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/25/86-09/25/86	0	9	
CODA0047	No	71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	10/01/76-10/01/86	10	14	
CODA0013	Yes	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/26/86-09/26/86	0	11	
CODA0020	Yes	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/06/77-06/06/77	0	8	
CODA0047	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/76-10/01/86	10	14	
CODA0126	Yes	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/23/86-09/23/86	0	9	
CODA0171	Yes	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/24/86-09/24/86	0	1	
CODA0185	Yes	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/13/82-09/13/82	0	3	
CODA0197	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/25/86-09/25/86	0	9	
CODA0013	Yes	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/26/86-09/26/86	0	11	
CODA0020	Yes	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/06/77-06/06/77	0	8	
CODA0047	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/78-10/01/86	8	12	
CODA0126	Yes	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/23/86-09/23/86	0	9	
CODA0171	Yes	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/24/86-09/24/86	0	1	
CODA0185	Yes	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/13/82-09/13/82	0	3	
CODA0197	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/25/86-09/25/86	0	9	
CODA0013	Yes	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/26/86-09/26/86	0	11	
CODA0020	Yes	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/06/77-06/06/77	0	8	
CODA0047	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/78-10/01/86	8	12	
CODA0126	Yes	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/23/86-09/23/86	0	9	
CODA0171	Yes	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/24/86-09/24/86	0	1	
CODA0185	Yes	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/13/82-09/13/82	0	3	
CODA0197	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/25/86-09/25/86	0	9	
CODA0020	Yes	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/06/77-06/06/77	0	8	
CODA0185	Yes	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/13/82-09/13/82	0	3	
CODA0013	Yes	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/26/86-09/26/86	0	11	
CODA0020	Yes	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/06/77-06/06/77	0	8	
CODA0047	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/01/76-10/01/86	10	14	
CODA0126	Yes	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/23/86-09/23/86	0	9	
CODA0171	Yes	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/24/86-09/24/86	0	1	
CODA0185	Yes	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/13/82-09/13/82	0	3	
CODA0197	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/25/86-09/25/86	0	9	
CODA0046	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	04/03/75-09/10/75	0	3	
CODA0061	Yes	72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	04/04/72-05/24/72	0	8	
CODA0062	Yes	72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	04/04/72-05/24/72	0	8	
CODA0063	Yes	72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	04/04/72-05/24/72	0	8	
CODA0065	Yes	72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	04/06/72-05/24/72	0	5	
CODA0066	Yes	72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	04/13/72-05/24/72	0	6	
CODA0089	No	72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	04/06/72-05/27/72	0	12	
CODA0002	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/13/92-10/13/92	0	1	
CODA0012	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/13/92-10/13/92	0	1	
CODA0029	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/12/92-10/12/92	0	1	
CODA0031	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/15/92-10/15/92	0	1	
CODA0037	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/14/92-10/14/92	0	1	
CODA0050	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/13/92-10/13/92	0	1	
CODA0056	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/16/92-10/16/92	0	1	
CODA0085	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/12/92-10/12/92	0	1	
CODA0086	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/12/92-10/12/92	0	1	
CODA0087	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/12/92-10/12/92	0	1	
CODA0092	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/15/92-10/15/92	0	1	
CODA0131	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/10/92-10/10/92	0	1	
CODA0140	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/09/92-10/09/92	0	1	
CODA0143	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/09/92-10/09/92	0	1	
CODA0145	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/09/92-10/09/92	0	1	
CODA0150	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/08/92-10/08/92	0	1	
CODA0170	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/08/92-10/08/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0174	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/07/92-10/07/92	0	1	
CODA0175	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/07/92-10/07/92	0	1	
CODA0176	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/08/92-10/08/92	0	1	
CODA0177	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/08/92-10/08/92	0	1	
CODA0181	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/07/92-10/07/92	0	1	
CODA0188	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/07/92-10/07/92	0	2	
CODA0189	Yes	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/07/92-10/07/92	0	1	
CODA0195	No	72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/06/92-10/06/92	0	1	
CODA0009	No	73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/20/72-05/25/72	0	2	
CODA0010	No	73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/05/72-05/25/72	0	3	
CODA0061	Yes	73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/04/72-05/24/72	0	8	
CODA0062	Yes	73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/04/72-05/24/72	0	7	
CODA0063	Yes	73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/18/72-05/24/72	0	7	
CODA0065	Yes	73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/06/72-05/24/72	0	5	
CODA0066	Yes	73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/13/72-05/24/72	0	6	
CODA0072	Yes	73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/06/72-05/26/72	0	5	
CODA0073	Yes	73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/06/72-05/26/72	0	7	
CODA0074	Yes	73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/06/72-05/26/72	0	9	
CODA0089	No	73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/06/72-05/27/72	0	12	
CODA0104	No	73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/05/72-05/26/72	0	3	
CODA0147	No	73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/20/72-05/26/72	0	3	
CODA0163	Yes	73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/21/72-05/26/72	0	3	
CODA0164	Yes	73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/21/72-05/26/72	0	3	
CODA0183	No	73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/20/72-05/25/72	0	3	
CODA0009	No	73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/20/72-05/25/72	0	2	
CODA0010	No	73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/05/72-05/25/72	0	3	
CODA0061	Yes	73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/04/72-05/24/72	0	8	
CODA0062	Yes	73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/04/72-05/24/72	0	7	
CODA0063	Yes	73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/18/72-05/24/72	0	7	
CODA0065	Yes	73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/06/72-05/24/72	0	5	
CODA0066	Yes	73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/13/72-05/24/72	0	6	
CODA0072	Yes	73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/06/72-05/26/72	0	5	
CODA0073	Yes	73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/06/72-05/26/72	0	7	
CODA0074	Yes	73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/06/72-05/26/72	0	9	
CODA0089	No	73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/06/72-05/27/72	0	12	
CODA0104	No	73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/05/72-05/26/72	0	3	
CODA0147	No	73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/20/72-05/26/72	0	3	
CODA0163	Yes	73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/21/72-05/26/72	0	3	
CODA0164	Yes	73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/21/72-05/26/72	0	3	
CODA0183	No	73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/20/72-05/25/72	0	3	
CODA0014	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	0	1	
CODA0015	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	0	1	
CODA0024	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	0	1	
CODA0025	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	0	1	
CODA0026	No	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	08/17/72-08/17/72	0	1	
CODA0038	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	08/17/72-08/17/72	0	1	
CODA0058	No	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	0	1	
CODA0059	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/20/72-06/20/72	0	1	
CODA0060	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/20/72-06/20/72	0	1	
CODA0061	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/04/72-05/07/72	0	3	
CODA0062	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/04/72-04/04/72	0	1	
CODA0063	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/04/72-05/07/72	0	3	
CODA0072	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/06/72-05/06/72	0	2	
CODA0073	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/06/72-05/06/72	0	2	
CODA0074	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/06/72-05/06/72	0	3	
CODA0083	No	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/20/72-06/20/72	0	1	
CODA0089	No	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/13/72-04/17/72	0	2	
CODA0147	No	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	05/05/72-05/05/72	0	1	
CODA0159	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	0	1	
CODA0160	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	0	1	
CODA0161	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	0	1	
CODA0163	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/21/72-05/05/72	0	2	
CODA0164	Yes	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/21/72-05/05/72	0	2	
CODA0180	No	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	10/31/72-10/31/72	0	1	
CODA0182	No	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	0	1	
CODA0183	No	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	05/05/72-05/05/72	0	1	
CODA0190	No	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/22/72-06/22/72	0	1	
CODA0191	No	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/22/72-06/22/72	0	1	
CODA0185	Yes	79005	CHLORDANE, GAMMA, IN FISH UG/KG	09/13/82-09/13/82	0	2	
CODA0185	Yes	79025	CHLORDANE, ALPHA, IN FISH WET WEIGHT UG/KG	09/13/82-09/13/82	0	2	
CODA0047	No	79178	PCB-1242 TISDRYWTMG/KG	10/01/73-10/01/78	5	14	
CODA0047	No	79179	PCB-1254 TISDRYWTMG/KG	10/01/70-10/01/86	16	37	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0047	No	79182	PCB-1248 TISDRYWTMG/KG	10/01/76-10/01/86	10	15	
CODA0047	No	79183	PCB-1260 TISDRYWTMG/KG	10/01/73-10/01/86	13	23	
CODA0021	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/30/80-07/22/85	5	17	
CODA0021	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	07/24/84-07/22/85	0	13	
CODA0043	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/72-02/13/73	0	9	
CODA0076	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/72-02/13/73	0	12	
CODA0079	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/15/72-02/13/73	0	11	
CODA0080	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/14/72-02/13/73	0	8	
CODA0081	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/17/72-02/14/73	0	12	
CODA0084	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/72-02/13/73	0	11	
CODA0088	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/14/72-02/13/73	0	12	
CODA0094	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/72-02/12/73	0	12	
CODA0095	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/14/72-02/13/73	0	12	
CODA0096	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/15/72-02/13/73	0	11	
CODA0099	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/14/72-02/13/73	0	12	
CODA0101	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/72-02/12/73	0	12	
CODA0103	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/15/72-02/13/73	0	12	
CODA0106	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/06/72-09/13/72	0	9	
CODA0108	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/15/72-02/13/73	0	12	
CODA0109	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/17/72-02/13/73	0	5	
CODA0114	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/72-02/12/73	0	11	
CODA0116	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/72-02/12/73	0	12	
CODA0118	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/12/72-02/12/73	0	11	
CODA0127	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/12/72-02/12/73	0	15	
CODA0133	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/12/72-02/12/73	0	10	
CODA0136	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/12/72-02/12/73	0	12	
CODA0043	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/72-02/13/73	0	9	
CODA0076	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/72-02/13/73	0	12	
CODA0079	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/15/72-02/13/73	0	11	
CODA0080	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/14/72-02/13/73	0	8	
CODA0081	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/17/72-02/14/73	0	12	
CODA0084	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/72-02/13/73	0	11	
CODA0088	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/14/72-02/13/73	0	12	
CODA0094	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/72-02/12/73	0	12	
CODA0095	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/14/72-02/13/73	0	12	
CODA0096	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/15/72-02/13/73	0	11	
CODA0099	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/14/72-02/13/73	0	12	
CODA0101	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/72-02/12/73	0	12	
CODA0103	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/15/72-02/13/73	0	12	
CODA0106	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/06/72-09/13/72	0	9	
CODA0108	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/15/72-02/13/73	0	12	
CODA0109	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/17/72-02/13/73	0	5	
CODA0114	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/72-02/12/73	0	11	
CODA0116	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/72-02/12/73	0	12	
CODA0118	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/12/72-02/12/73	0	11	
CODA0127	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/12/72-02/12/73	0	15	
CODA0133	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/12/72-02/12/73	0	10	
CODA0136	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/12/72-02/12/73	0	12	
CODA0007	Yes	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/13/92-10/13/92	0	1	
CODA0037	Yes	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/14/92-10/14/92	0	1	
CODA0048	Yes	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/13/92-10/13/92	0	1	
CODA0057	Yes	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/16/92-10/16/92	0	1	
CODA0087	Yes	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/12/92-10/12/92	0	1	
CODA0091	Yes	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/15/92-10/15/92	0	1	
CODA0130	Yes	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/10/92-10/10/92	0	1	
CODA0140	Yes	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/09/92-10/09/92	0	1	
CODA0145	Yes	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/09/92-10/09/92	0	1	
CODA0146	Yes	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/09/92-10/09/92	0	1	
CODA0149	Yes	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/08/92-10/08/92	0	1	
CODA0158	Yes	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/09/92-10/09/92	0	1	
CODA0175	Yes	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/07/92-10/07/92	0	1	
CODA0177	Yes	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/08/92-10/08/92	0	1	
CODA0181	Yes	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/07/92-10/07/92	0	1	
CODA0189	Yes	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/07/92-10/07/92	0	1	
CODA0194	No	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/06/92-10/06/92	0	1	
CODA0196	No	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/06/92-10/06/92	0	1	
CODA0002	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	0	1	
CODA0007	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	0	1	
CODA0011	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	0	1	
CODA0012	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	0	1	
CODA0029	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/12/92-10/12/92	0	1	
CODA0031	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/15/92-10/15/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0037	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/14/92-10/14/92	0	1	
CODA0044	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	0	1	
CODA0048	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	0	1	
CODA0050	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	0	1	
CODA0055	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/16/92-10/16/92	0	1	
CODA0056	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/16/92-10/16/92	0	1	
CODA0057	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/16/92-10/16/92	0	1	
CODA0068	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/16/92-10/16/92	0	1	
CODA0085	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/12/92-10/12/92	0	1	
CODA0086	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/12/92-10/12/92	0	1	
CODA0087	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/12/92-10/12/92	0	1	
CODA0090	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/15/92-10/15/92	0	1	
CODA0091	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/15/92-10/15/92	0	1	
CODA0092	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/15/92-10/15/92	0	1	
CODA0113	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	0	1	
CODA0122	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	0	1	
CODA0124	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	0	1	
CODA0129	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	0	1	
CODA0130	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	0	1	
CODA0131	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	0	1	
CODA0134	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	0	1	
CODA0139	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	0	1	
CODA0140	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	0	1	
CODA0143	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	0	1	
CODA0145	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	0	1	
CODA0146	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	0	1	
CODA0149	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0150	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0151	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0152	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0158	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	0	1	
CODA0165	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0169	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0170	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0174	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	0	1	
CODA0175	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	0	1	
CODA0176	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0177	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0178	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	0	1	
CODA0181	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	0	1	
CODA0188	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	0	1	
CODA0189	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	0	1	
CODA0194	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/06/92-10/06/92	0	1	
CODA0195	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/06/92-10/06/92	0	1	
CODA0196	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/06/92-10/06/92	0	1	
CODA0007	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/13/92-10/13/92	0	1	
CODA0037	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/14/92-10/14/92	0	1	
CODA0048	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/13/92-10/13/92	0	1	
CODA0057	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/16/92-10/16/92	0	1	
CODA0087	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/12/92-10/12/92	0	1	
CODA0091	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/15/92-10/15/92	0	1	
CODA0130	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/10/92-10/10/92	0	1	
CODA0140	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/09/92-10/09/92	0	1	
CODA0145	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/09/92-10/09/92	0	1	
CODA0146	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/09/92-10/09/92	0	1	
CODA0149	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/08/92-10/08/92	0	1	
CODA0158	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/09/92-10/09/92	0	1	
CODA0175	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/07/92-10/07/92	0	1	
CODA0177	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/08/92-10/08/92	0	1	
CODA0181	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/07/92-10/07/92	0	1	
CODA0189	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/07/92-10/07/92	0	1	
CODA0194	No	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/06/92-10/06/92	0	1	
CODA0196	No	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/06/92-10/06/92	0	1	
CODA0007	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/13/92-10/13/92	0	1	
CODA0037	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/14/92-10/14/92	0	1	
CODA0048	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/13/92-10/13/92	0	1	
CODA0057	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/16/92-10/16/92	0	1	
CODA0087	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/12/92-10/12/92	0	1	
CODA0091	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/15/92-10/15/92	0	1	
CODA0130	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/10/92-10/10/92	0	1	
CODA0140	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/09/92-10/09/92	0	1	
CODA0145	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/09/92-10/09/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0146	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/09/92-10/09/92	0	1	
CODA0149	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/08/92-10/08/92	0	1	
CODA0158	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/09/92-10/09/92	0	1	
CODA0175	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/07/92-10/07/92	0	1	
CODA0177	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/08/92-10/08/92	0	1	
CODA0181	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/07/92-10/07/92	0	1	
CODA0189	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/07/92-10/07/92	0	1	
CODA0194	No	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/06/92-10/06/92	0	1	
CODA0196	No	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/06/92-10/06/92	0	1	
CODA0007	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/13/92-10/13/92	0	1	
CODA0037	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/14/92-10/14/92	0	1	
CODA0048	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/13/92-10/13/92	0	1	
CODA0057	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/16/92-10/16/92	0	1	
CODA0087	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/12/92-10/12/92	0	1	
CODA0091	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/15/92-10/15/92	0	1	
CODA0130	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/10/92-10/10/92	0	1	
CODA0140	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/09/92-10/09/92	0	1	
CODA0145	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/09/92-10/09/92	0	1	
CODA0146	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/09/92-10/09/92	0	1	
CODA0149	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/08/92-10/08/92	0	1	
CODA0158	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/09/92-10/09/92	0	1	
CODA0175	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/07/92-10/07/92	0	1	
CODA0177	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/08/92-10/08/92	0	1	
CODA0181	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/07/92-10/07/92	0	1	
CODA0189	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/07/92-10/07/92	0	1	
CODA0194	No	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/06/92-10/06/92	0	1	
CODA0196	No	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/06/92-10/06/92	0	1	
CODA0007	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/13/92-10/13/92	0	1	
CODA0037	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/14/92-10/14/92	0	1	
CODA0048	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/13/92-10/13/92	0	1	
CODA0057	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/16/92-10/16/92	0	1	
CODA0087	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/12/92-10/12/92	0	1	
CODA0091	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/15/92-10/15/92	0	1	
CODA0130	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/10/92-10/10/92	0	1	
CODA0145	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/09/92-10/09/92	0	1	
CODA0146	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/09/92-10/09/92	0	1	
CODA0149	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/08/92-10/08/92	0	1	
CODA0158	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/09/92-10/09/92	0	1	
CODA0175	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/07/92-10/07/92	0	1	
CODA0177	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/08/92-10/08/92	0	1	
CODA0181	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/07/92-10/07/92	0	1	
CODA0189	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/07/92-10/07/92	0	1	
CODA0194	No	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/06/92-10/06/92	0	1	
CODA0196	No	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/06/92-10/06/92	0	1	
CODA0002	Yes	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/13/92-10/13/92	0	1	
CODA0007	Yes	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/13/92-10/13/92	0	1	
CODA0037	Yes	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/14/92-10/14/92	0	1	
CODA0048	Yes	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/13/92-10/13/92	0	1	
CODA0057	Yes	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/16/92-10/16/92	0	1	
CODA0087	Yes	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/12/92-10/12/92	0	1	
CODA0091	Yes	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/15/92-10/15/92	0	1	
CODA0130	Yes	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/10/92-10/10/92	0	1	
CODA0149	Yes	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/08/92-10/08/92	0	1	
CODA0158	Yes	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/09/92-10/09/92	0	1	
CODA0175	Yes	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/07/92-10/07/92	0	1	
CODA0177	Yes	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/08/92-10/08/92	0	1	
CODA0181	Yes	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/07/92-10/07/92	0	1	
CODA0194	No	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/06/92-10/06/92	0	1	
CODA0196	No	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/06/92-10/06/92	0	1	
CODA0013	Yes	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	08/06/86-08/06/86	0	2	
CODA0035	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	08/06/86-08/06/86	0	1	
CODA0049	Yes	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	08/06/86-08/06/86	0	1	
CODA0077	Yes	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	08/06/86-08/06/86	0	1	
CODA0093	Yes	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	08/06/86-08/06/86	0	2	
CODA0112	Yes	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	08/05/86-08/05/86	0	1	
CODA0125	Yes	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	08/05/86-08/05/86	0	1	
CODA0144	Yes	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	08/05/86-08/05/86	0	1	
CODA0148	Yes	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	08/05/86-08/05/86	0	1	
CODA0171	Yes	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	08/05/86-08/05/86	0	2	
CODA0173	Yes	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	08/05/86-08/05/86	0	1	
CODA0187	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	08/04/86-08/04/86	0	1	
CODA0192	Yes	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	08/04/86-08/04/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0197	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	08/04/86-08/04/86	0	2	
CODA0007	Yes	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/13/92-10/13/92	0	1	
CODA0037	Yes	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/14/92-10/14/92	0	1	
CODA0048	Yes	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/13/92-10/13/92	0	1	
CODA0057	Yes	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/16/92-10/16/92	0	1	
CODA0087	Yes	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/12/92-10/12/92	0	1	
CODA0091	Yes	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/15/92-10/15/92	0	1	
CODA0130	Yes	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/10/92-10/10/92	0	1	
CODA0140	Yes	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/09/92-10/09/92	0	1	
CODA0145	Yes	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/09/92-10/09/92	0	1	
CODA0146	Yes	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/09/92-10/09/92	0	1	
CODA0149	Yes	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/08/92-10/08/92	0	1	
CODA0158	Yes	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/09/92-10/09/92	0	1	
CODA0175	Yes	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/07/92-10/07/92	0	1	
CODA0177	Yes	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/08/92-10/08/92	0	1	
CODA0181	Yes	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/07/92-10/07/92	0	1	
CODA0189	Yes	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/07/92-10/07/92	0	1	
CODA0194	No	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/06/92-10/06/92	0	1	
CODA0196	No	80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/06/92-10/06/92	0	1	
CODA0007	Yes	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/13/92-10/13/92	0	1	
CODA0037	Yes	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/14/92-10/14/92	0	1	
CODA0048	Yes	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/13/92-10/13/92	0	1	
CODA0057	Yes	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/16/92-10/16/92	0	1	
CODA0087	Yes	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/12/92-10/12/92	0	1	
CODA0091	Yes	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/15/92-10/15/92	0	1	
CODA0130	Yes	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/10/92-10/10/92	0	1	
CODA0140	Yes	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/09/92-10/09/92	0	1	
CODA0145	Yes	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/09/92-10/09/92	0	1	
CODA0146	Yes	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/09/92-10/09/92	0	1	
CODA0149	Yes	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/08/92-10/08/92	0	1	
CODA0158	Yes	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/09/92-10/09/92	0	1	
CODA0175	Yes	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/07/92-10/07/92	0	1	
CODA0177	Yes	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/08/92-10/08/92	0	1	
CODA0181	Yes	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/07/92-10/07/92	0	1	
CODA0189	Yes	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/07/92-10/07/92	0	1	
CODA0194	No	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/06/92-10/06/92	0	1	
CODA0196	No	80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/06/92-10/06/92	0	1	
CODA0007	Yes	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/13/92-10/13/92	0	1	
CODA0037	Yes	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/14/92-10/14/92	0	1	
CODA0048	Yes	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/13/92-10/13/92	0	1	
CODA0057	Yes	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/16/92-10/16/92	0	1	
CODA0087	Yes	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/12/92-10/12/92	0	1	
CODA0091	Yes	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/15/92-10/15/92	0	1	
CODA0130	Yes	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/10/92-10/10/92	0	1	
CODA0140	Yes	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/09/92-10/09/92	0	1	
CODA0145	Yes	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/09/92-10/09/92	0	1	
CODA0146	Yes	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/09/92-10/09/92	0	1	
CODA0149	Yes	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/08/92-10/08/92	0	1	
CODA0158	Yes	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/09/92-10/09/92	0	1	
CODA0175	Yes	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/07/92-10/07/92	0	1	
CODA0177	Yes	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/08/92-10/08/92	0	1	
CODA0181	Yes	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/07/92-10/07/92	0	1	
CODA0189	Yes	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/07/92-10/07/92	0	1	
CODA0194	No	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/06/92-10/06/92	0	1	
CODA0196	No	80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/06/92-10/06/92	0	1	
CODA0007	Yes	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/13/92-10/13/92	0	1	
CODA0037	Yes	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/14/92-10/14/92	0	1	
CODA0048	Yes	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/13/92-10/13/92	0	1	
CODA0057	Yes	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/16/92-10/16/92	0	1	
CODA0087	Yes	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/12/92-10/12/92	0	1	
CODA0091	Yes	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/15/92-10/15/92	0	1	
CODA0130	Yes	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/10/92-10/10/92	0	1	
CODA0140	Yes	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/09/92-10/09/92	0	1	
CODA0145	Yes	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/09/92-10/09/92	0	1	
CODA0146	Yes	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/09/92-10/09/92	0	1	
CODA0149	Yes	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/08/92-10/08/92	0	1	
CODA0158	Yes	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/09/92-10/09/92	0	1	
CODA0175	Yes	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/07/92-10/07/92	0	1	
CODA0177	Yes	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/08/92-10/08/92	0	1	
CODA0181	Yes	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/07/92-10/07/92	0	1	
CODA0189	Yes	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/07/92-10/07/92	0	1	
CODA0194	No	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/06/92-10/06/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0196	No	80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/06/92-10/06/92	0	1	
CODA0047	No	81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	10/01/86-10/01/86	0	3	
CODA0021	No	81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	07/24/84-07/22/85	0	13	
CODA0020	Yes	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/06/77-06/06/77	0	8	
CODA0185	Yes	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	09/13/82-09/13/82	0	2	
CODA0047	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	10/01/80-10/01/86	6	9	
CODA0020	Yes	81660	IRON IN FISH TISSUE WET WEIGHT MG/KG	06/06/77-06/06/77	0	8	
CODA0020	Yes	81741	MANGANESE IN FISH TISSUE WET WEIGHT MG/KG	06/06/77-06/06/77	0	8	
CODA0185	Yes	81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	09/13/82-09/13/82	0	2	
CODA0047	No	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	10/01/80-10/01/86	6	9	
CODA0047	No	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	10/01/70-10/01/86	16	37	
CODA0047	No	81944	DDT(INCLUDES DDE & DDD) IN TISSUE WET WEIGHT MG/KG	10/01/86-10/01/86	0	3	
CODA0047	No	81987	TOTAL SEDIMENT PARTICLE SIZE %COARSER THAN 9.00PHI	10/01/70-10/01/86	16	37	
CODA0047	No	82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/78-10/01/86	8	12	
CODA0013	Yes	82007	PERCENT SAND IN SEDIMENT ON A DRY WEIGHT BASIS	08/06/86-08/06/86	0	2	
CODA0035	No	82007	PERCENT SAND IN SEDIMENT ON A DRY WEIGHT BASIS	08/06/86-08/06/86	0	1	
CODA0049	Yes	82007	PERCENT SAND IN SEDIMENT ON A DRY WEIGHT BASIS	08/06/86-08/06/86	0	1	
CODA0077	Yes	82007	PERCENT SAND IN SEDIMENT ON A DRY WEIGHT BASIS	08/06/86-08/06/86	0	1	
CODA0093	Yes	82007	PERCENT SAND IN SEDIMENT ON A DRY WEIGHT BASIS	08/06/86-08/06/86	0	2	
CODA0112	Yes	82007	PERCENT SAND IN SEDIMENT ON A DRY WEIGHT BASIS	08/05/86-08/05/86	0	1	
CODA0125	Yes	82007	PERCENT SAND IN SEDIMENT ON A DRY WEIGHT BASIS	08/05/86-08/05/86	0	1	
CODA0144	Yes	82007	PERCENT SAND IN SEDIMENT ON A DRY WEIGHT BASIS	08/05/86-08/05/86	0	1	
CODA0148	Yes	82007	PERCENT SAND IN SEDIMENT ON A DRY WEIGHT BASIS	08/05/86-08/05/86	0	1	
CODA0171	Yes	82007	PERCENT SAND IN SEDIMENT ON A DRY WEIGHT BASIS	08/05/86-08/05/86	0	2	
CODA0173	Yes	82007	PERCENT SAND IN SEDIMENT ON A DRY WEIGHT BASIS	08/05/86-08/05/86	0	1	
CODA0187	No	82007	PERCENT SAND IN SEDIMENT ON A DRY WEIGHT BASIS	08/04/86-08/04/86	0	1	
CODA0192	Yes	82007	PERCENT SAND IN SEDIMENT ON A DRY WEIGHT BASIS	08/04/86-08/04/86	0	1	
CODA0197	No	82007	PERCENT SAND IN SEDIMENT ON A DRY WEIGHT BASIS	08/04/86-08/04/86	0	2	
CODA0013	Yes	82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	08/06/86-08/06/86	0	2	
CODA0035	No	82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	08/06/86-08/06/86	0	1	
CODA0049	Yes	82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	08/06/86-08/06/86	0	1	
CODA0077	Yes	82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	08/06/86-08/06/86	0	1	
CODA0093	Yes	82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	08/06/86-08/06/86	0	2	
CODA0112	Yes	82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	08/05/86-08/05/86	0	1	
CODA0125	Yes	82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	08/05/86-08/05/86	0	1	
CODA0144	Yes	82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	08/05/86-08/05/86	0	1	
CODA0148	Yes	82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	08/05/86-08/05/86	0	1	
CODA0171	Yes	82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	08/05/86-08/05/86	0	2	
CODA0173	Yes	82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	08/05/86-08/05/86	0	1	
CODA0187	No	82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	08/04/86-08/04/86	0	1	
CODA0192	Yes	82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	08/04/86-08/04/86	0	1	
CODA0197	No	82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	08/04/86-08/04/86	0	2	
CODA0013	Yes	82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	08/06/86-08/06/86	0	2	
CODA0035	No	82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	08/06/86-08/06/86	0	1	
CODA0049	Yes	82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	08/06/86-08/06/86	0	1	
CODA0077	Yes	82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	08/06/86-08/06/86	0	1	
CODA0093	Yes	82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	08/06/86-08/06/86	0	2	
CODA0112	Yes	82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	08/05/86-08/05/86	0	1	
CODA0125	Yes	82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	08/05/86-08/05/86	0	1	
CODA0144	Yes	82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	08/05/86-08/05/86	0	1	
CODA0148	Yes	82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	08/05/86-08/05/86	0	1	
CODA0171	Yes	82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	08/05/86-08/05/86	0	2	
CODA0173	Yes	82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	08/05/86-08/05/86	0	1	
CODA0187	No	82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	08/04/86-08/04/86	0	1	
CODA0192	Yes	82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	08/04/86-08/04/86	0	1	
CODA0197	No	82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	08/04/86-08/04/86	0	2	
CODA0047	No	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/78-10/01/86	8	12	
CODA0021	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	04/30/80-11/17/80	0	4	
CODA0030	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/05/90-09/10/92	1	21	
CODA0071	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/86-11/14/90	4	51	
CODA0105	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/86-09/11/91	5	60	
CODA0155	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/13/86-11/07/90	4	45	
CODA0185	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/13/86-11/07/90	4	42	
CODA0013	Yes	82153	DICHLORODIBROMOMETHANE IN AIR,NG/CC	08/06/86-08/06/86	0	2	
CODA0035	No	82153	DICHLORODIBROMOMETHANE IN AIR,NG/CC	08/06/86-08/06/86	0	1	
CODA0049	Yes	82153	DICHLORODIBROMOMETHANE IN AIR,NG/CC	08/06/86-08/06/86	0	1	
CODA0077	Yes	82153	DICHLORODIBROMOMETHANE IN AIR,NG/CC	08/06/86-08/06/86	0	1	
CODA0093	Yes	82153	DICHLORODIBROMOMETHANE IN AIR,NG/CC	08/06/86-08/06/86	0	2	
CODA0112	Yes	82153	DICHLORODIBROMOMETHANE IN AIR,NG/CC	08/05/86-08/05/86	0	1	
CODA0125	Yes	82153	DICHLORODIBROMOMETHANE IN AIR,NG/CC	08/05/86-08/05/86	0	1	
CODA0144	Yes	82153	DICHLORODIBROMOMETHANE IN AIR,NG/CC	08/05/86-08/05/86	0	1	
CODA0148	Yes	82153	DICHLORODIBROMOMETHANE IN AIR,NG/CC	08/05/86-08/05/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 10/16/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
CODA0171	Yes	82153	DICHLORODIBROMOMETHANE IN AIR,NG/CC	08/05/86-08/05/86	0	2	
CODA0173	Yes	82153	DICHLORODIBROMOMETHANE IN AIR,NG/CC	08/05/86-08/05/86	0	1	
CODA0187	No	82153	DICHLORODIBROMOMETHANE IN AIR,NG/CC	08/04/86-08/04/86	0	1	
CODA0192	Yes	82153	DICHLORODIBROMOMETHANE IN AIR,NG/CC	08/04/86-08/04/86	0	1	
CODA0197	No	82153	DICHLORODIBROMOMETHANE IN AIR,NG/CC	08/04/86-08/04/86	0	2	
CODA0021	No	82305	RADON 222, DISSOLVED IN WATER PC/L	08/27/84-07/22/85	0	10	

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

Station-By-Station Results

Station Inventory for Station: CODA0001

NPS Station ID: CODA0001
Location: SPOKANE RIVER MILE 20.8
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1310001 006500
RMI-Miles: 0643.00 0020.80
HUC: 17010307
Major Basin: PACIFIC NORTHWEST
Minor Basin: SPOKANE RIVER BASIN
RF1 Index: 17010307005
RF3 Index:
Description:

LAT/LON: 47.797226/-118.059726
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.240
RF3 Mile Point: 0.00

Agency: 21540000
FIPS State/County: WASHINGTON/
STORET Station ID(s): 541231 /STA 8
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CODA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/70-11/24/70	15	19.4	17.88	23.8	6.5	25.92	5.091	8.84	14.5	21.8	23.8
00060	FLOW, STREAM, MEAN DAILY CFS	06/22/70-11/24/70	11	3230.	3924.545	14300.	2170.	12028427.273	3468.202	2190.	2540.	3310.	12110.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/22/70-11/24/70	11	4.	4.182	8.	1.	3.964	1.991	1.2	3.	6.	7.6
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/70-10/27/70	14	84.	89.571	120.	54.	329.341	18.148	60.	84.	99.	120.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/22/70-11/24/70	11	178.	165.818	195.	82.	983.964	31.368	94.6	154.	185.	193.4
00300	OXYGEN, DISSOLVED MG/L	06/23/70-11/24/70	16	9.45	9.688	12.3	6.5	1.844	1.358	7.83	9.025	10.8	11.67
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/29/70-10/27/70	14	104.5	107.643	149.	70.	507.632	22.531	76.5	90.25	128.25	141.
00400	PH (STANDARD UNITS)	06/22/70-10/27/70	9	7.9	8.211	9.	7.7	0.296	0.544	7.7	7.75	8.85	9.
00400	CONVERTED PH (STANDARD UNITS)	06/22/70-10/27/70	9	7.9	7.994	9.	7.7	0.349	0.591	7.7	7.75	8.85	9.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/22/70-10/27/70	9	0.013	0.01	0.02	0.001	0.	0.008	0.001	0.001	0.018	0.02
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/22/70-10/13/70	5	0.	0.04	0.11	0.	0.003	0.055	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/22/70-10/27/70	9	0.16	0.246	0.62	0.04	0.053	0.231	0.04	0.05	0.5	0.62
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/22/70-10/13/70	5	0.25	0.214	0.45	0.01	0.034	0.184	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/70-11/24/70	10	0.01	0.019	0.05	0.01	0.	0.014	0.01	0.01	0.025	0.049
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/22/70-11/24/70	10	0.01	0.014	0.03	0.01	0.	0.007	0.01	0.01	0.02	0.029
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	9	0.01	0.008	0.02	0.	0.	0.007	0.	0.	0.01	0.02
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	06/23/70-11/24/70	16	83.	995.875	8000.	0.	4699259.983	2167.778	0.	13.5	585.	5340.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	06/23/70-11/24/70	16	1.919	1.885	3.903	0.	1.517	1.231	0.	1.047	2.767	3.707
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			76.652								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	10	0.01	0.015	0.04	0.	0.	0.012	0.001	0.01	0.023	0.039

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

EPA Water Quality Criteria Analysis for Station: CODA0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	9	0	0.00				2	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	16	0	0.00	9	0	0.00				7	0	0.00			
00400	PH	Other-Hi Lim.	9.	9	2	0.22	7	1	0.14				2	1	0.50			
		Other-Lo Lim.	6.5	9	0	0.00	7	0	0.00				2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00	6	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: CODA0002

NPS Station ID: CODA0002
LAT/LON: 47.818615/-118.357226
Agency: 112WRD
Date Created: 01/09/93
Location: HAWK CREEK NEAR CRESTON RB
FIPS State/County: 53043 WASHINGTON/LINCOLN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 474907118212600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	2.07	2.07	2.07	2.07	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	19.9	19.9	19.9	19.9	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	804.	804.	804.	804.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	53.	53.	53.	53.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	29.	29.	29.	29.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	35.	35.	35.	35.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	169.	169.	169.	169.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	3.06	3.06	3.06	3.06	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	780.	780.	780.	780.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/13/92-10/13/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1	2.89	2.89	2.89	2.89	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1	1.25	1.25	1.25	1.25	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/13/92-10/13/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	1	56.	56.	56.	56.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/13/92-10/13/92	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

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

Station Inventory for Station: CODA0003

NPS Station ID: CODA0003
Location: SPOKANE RIVER MILE 29.0
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1310001 006500
RMI-Miles: 0643.00 0029.00
HUC: 17010307
Major Basin: PACIFIC NORTHWEST
Minor Basin: SPOKANE RIVER BASIN
RF1 Index: 17010307009
RF3 Index:
Description:

LAT/LON: 47.826392/-117.924171
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.990
RF3 Mile Point: 0.00

Agency: 21540000
FIPS State/County: WASHINGTON/
STORET Station ID(s): 541232 /STA 9
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CODA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-11/24/70	16	16.7	15.731	21.1	6.8	19.229	4.385	7.78	13.025	19.4	21.1
00060	FLOW, STREAM, MEAN DAILY CFS	05/06/70-11/24/70	12	3245.	4847.5	15000.	2170.	21157075.	4599.682	2200.	2585.	3340.	14790.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/06/70-11/24/70	13	3.	4.077	10.	1.	7.744	2.783	1.	2.	6.	9.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/70-11/24/70	12	184.5	170.5	200.	78.	1460.455	38.216	86.4	167.75	190.	198.5
00300	OXYGEN, DISSOLVED MG/L	05/06/70-11/24/70	17	7.3	7.306	11.6	3.4	4.482	2.117	4.84	5.45	8.65	10.32
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/23/70-10/27/70	14	63.	72.786	106.	36.	479.566	21.899	45.	56.75	96.	102.
00400	PH (STANDARD UNITS)	05/06/70-10/27/70	11	7.5	7.536	8.1	7.3	0.041	0.201	7.32	7.5	7.5	8.
00400	CONVERTED PH (STANDARD UNITS)	05/06/70-10/27/70	11	7.5	7.504	8.1	7.3	0.042	0.204	7.32	7.5	7.5	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/70-10/27/70	11	0.032	0.031	0.05	0.008	0.	0.01	0.011	0.032	0.032	0.048
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/70-10/13/70	6	0.	0.032	0.1	0.	0.002	0.049	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/70-10/27/70	11	0.52	0.486	0.99	0.09	0.081	0.284	0.102	0.22	0.69	0.952
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/06/70-10/13/70	6	0.12	0.143	0.38	0.01	0.017	0.128	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/70-11/24/70	11	0.03	0.037	0.09	0.02	0.	0.019	0.02	0.03	0.04	0.08
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/70-11/24/70	12	0.02	0.025	0.06	0.01	0.	0.014	0.01	0.02	0.03	0.054
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	10	0.02	0.02	0.04	0.01	0.	0.011	0.01	0.01	0.03	0.039
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	05/06/70-11/24/70	14	190.	602.214	2500.	46.	759305.566	871.381	48.	53.75	900.	2350.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	05/06/70-11/24/70	14	2.278	2.353	3.398	1.663	0.397	0.63	1.681	1.73	2.897	3.37
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			225.379								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	11	0.02	0.024	0.04	0.01	0.	0.009	0.01	0.02	0.03	0.038

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

EPA Water Quality Criteria Analysis for Station: CODA0003

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	13	0	0.00	9	0	0.00				4	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	17	1	0.06	9	1	0.11				8	0	0.00			
00400	PH	Other-Hi Lim.	9.	11	0	0.00	7	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	7	0	0.00				4	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	7	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: CODA0004

NPS Station ID: CODA0004
LAT/LON: 47.828503/-117.910004
Agency: NITROGEN
Date Created: / /
Location: LITTLE FALLS POWER HOUSE
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /AMBNT/STREAM
STORET Station ID(s): SMLFP1
RMI-Indexes: 1310001 006500
Within Park Boundary: No
RMI-Miles: 0643.00 0029.20
HUC: 17010307
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: SPOKANE
ECO Region:
RF1 Index: 17010307009
RF1 Mile Point: 1.720
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
SM LITTLE FALLS STATION AT POWERHOUSE

Parameter Inventory for Station: CODA0004

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: CODA0005

NPS Station ID: CODA0005
LAT/LON: 47.828531/-117.910032
Agency: NITROGEN
Date Created: / /
Location: LITTLE FALLS SPILLWAY
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /AMBNT/STREAM
STORET Station ID(s): SMLFS1
RMI-Indexes: 1310001 006500
Within Park Boundary: No
RMI-Miles: 0643.00 0029.20
HUC: 17010307
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: SPOKANE
ECO Region:
RF1 Index: 17010307009
RF1 Mile Point: 1.720
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
SM LITTLE FALLS STATION AT SPILLWAY

Parameter Inventory for Station: CODA0005

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: CODA0006

NPS Station ID: CODA0006
Location: SPOKANE RIVER MILE 17.1
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1310001 006500
RMI-Miles: 0643.00 0017.10
HUC: 17010307
Major Basin: PACIFIC NORTHWEST
Minor Basin: SPOKANE RIVER BASIN
RF1 Index: 17010307003
RF3 Index:
Description:

LAT/LON: 47.832781/-118.108337
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 5.550
RF3 Mile Point: 0.00

Agency: 21540000
FIPS State/County: WASHINGTON/
STORET Station ID(s): 541230 /STA 7
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CODA0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-11/24/70	16	19.15	18.213	25.6	7.	29.741	5.454	7.91	15.525	22.55	24.76
00060	FLOW, STREAM, MEAN DAILY CFS	05/06/70-11/24/70	12	3245.	4847.5	15000.	2170.	21157075.	4599.682	2200.	2585.	3340.	14790.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/06/70-11/24/70	13	3.	3.846	16.	1.	16.474	4.059	1.	2.	3.5	12.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/70-10/27/70	15	108.	130.4	216.	54.	3175.543	56.352	61.2	78.	192.	208.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/70-11/24/70	12	160.5	148.833	185.	76.	1165.242	34.136	82.6	126.25	176.25	182.9
00300	OXYGEN, DISSOLVED MG/L	05/06/70-11/24/70	17	9.8	9.282	12.2	6.2	3.272	1.809	6.84	7.35	10.55	12.04
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/29/70-10/27/70	14	109.	101.643	145.	67.	635.632	25.212	71.	76.5	122.5	136.
00400	PH (STANDARD UNITS)	05/06/70-10/27/70	10	7.75	8.02	8.8	7.4	0.313	0.559	7.42	7.6	8.8	8.8
00400	CONVERTED PH (STANDARD UNITS)	05/06/70-10/27/70	10	7.747	7.794	8.8	7.4	0.369	0.608	7.42	7.6	8.8	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/70-10/27/70	10	0.018	0.016	0.04	0.002	0.	0.013	0.002	0.002	0.025	0.038
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/70-10/13/70	6	0.	0.035	0.12	0.	0.003	0.055	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/70-10/27/70	10	0.22	0.28	0.77	0.02	0.069	0.263	0.021	0.053	0.498	0.754
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/06/70-10/13/70	6	0.065	0.097	0.27	0.	0.011	0.105	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/70-11/24/70	12	0.02	0.02	0.04	0.01	0.	0.009	0.01	0.013	0.02	0.037
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/70-11/24/70	11	0.01	0.014	0.02	0.01	0.	0.005	0.01	0.01	0.02	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	8	0.01	0.01	0.02	0.	0.	0.005	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	05/06/70-11/24/70	15	62.	194.933	1600.	4.	166845.495	408.467	4.	12.	160.	940.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	05/06/70-11/24/70	15	1.792	1.728	3.204	0.602	0.547	0.74	0.602	1.079	2.204	2.901
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			53.441								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	11	0.02	0.015	0.02	0.01	0.	0.005	0.01	0.01	0.02	0.02

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

EPA Water Quality Criteria Analysis for Station: CODA0006

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	13	0	0.00	9	0	0.00				4	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	17	0	0.00	9	0	0.00				8	0	0.00			
00400	PH	Other-Hi Lim.	9.	10	0	0.00	7	0	0.00				3	0	0.00			
		Other-Lo Lim.	6.5	10	0	0.00	7	0	0.00				3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	10	0	0.00	6	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: CODA0007

NPS Station ID: CODA0007
LAT/LON: 47.833059/-118.360004
Agency: 112WRD
Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR SEVEN BAYS LB
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 474959118213600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0007

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)	10/13/92-10/13/92	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/13/92-10/13/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/13/92-10/13/92	1	56.	56.	56.	56.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/13/92-10/13/92	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/13/92-10/13/92	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	4.74	4.74	4.74	4.74	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	978.	978.	978.	978.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	93.1	93.1	93.1	93.1	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	69.2	69.2	69.2	69.2	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	322.	322.	322.	322.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	1101.	1101.	1101.	1101.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	1.39	1.39	1.39	1.39	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	4.15	4.15	4.15	4.15	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/13/92-10/13/92	1	1.68	1.68	1.68	1.68	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1	1.29	1.29	1.29	1.29	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/13/92-10/13/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/13/92-10/13/92	1	48.	48.	48.	48.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/13/92-10/13/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/13/92-10/13/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/13/92-10/13/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/13/92-10/13/92	1	85.	85.	85.	85.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/13/92-10/13/92	1	85.	85.	85.	85.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/13/92-10/13/92	1	67.	67.	67.	67.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/13/92-10/13/92	1	33.	33.	33.	33.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0008

NPS Station ID: CODA0008
LAT/LON: 47.833338/-117.862504
Agency: 1119C050
Date Created: / /
Location: SPOKANE R BL LONG LAKE DAM
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM/BIO
STORET Station ID(s): 543106 /541114 /12433000
RMI-Indexes: 1310001 006500
Within Park Boundary: No
RMI-Miles: 0643.00 0033.30
HUC: 17010307
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: SPOKANE RIVER BASIN
ECO Region:
RF1 Index: 17010307
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
543106STATION ESTABLISHED 7-71

Parameter Inventory for Station: CODA0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/71-06/12/73	20	6.95	7.045	18.2	0.	16.085	4.011	3.04	4.1	8.95	12.93
00060	FLOW, STREAM, MEAN DAILY CFS	11/10/71-04/24/73	35	5860.	9091.429	33300.	1680.	78773871.429	8875.465	2436.	3660.	11400.	24820.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/72-09/14/72	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/14/72-09/15/72	2	4.8	4.8	4.9	4.7	0.02	0.141	**	**	**	**
00400	PH (STANDARD UNITS)	09/14/72-09/14/72	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/14/72-09/14/72	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/72-09/14/72	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/14/72-09/15/72	2	102.	102.	123.	81.	882.	29.698	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/14/72-09/15/72	2	43.5	43.5	61.	26.	612.5	24.749	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/17/71-11/17/71	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/17/71-11/17/71	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/17/71-09/15/72	2	0.5	0.5	0.58	0.42	0.013	0.113	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/17/71-11/17/71	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/14/72-09/15/72	2	0.095	0.095	0.1	0.09	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/17/71-11/17/71	1	0.065	0.065	0.065	0.065	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/10/71-09/27/72	19	2.6	4.011	13.	1.	10.442	3.231	1.	2.	5.1	11.
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	11/10/71-09/27/72	18	8.8	11.267	22.	4.	31.652	5.626	5.35	7.1	15.8	22.
00690	CARBON, TOTAL (MG/L AS C)	11/10/71-09/27/72	19	11.7	14.553	24.	6.	32.478	5.699	8.4	10.3	19.	24.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/11/72-09/25/73	15	2.	2.487	8.	0.3	5.703	2.388	0.42	1.	4.	6.8
01002	ARSENIC, TOTAL (UG/L AS AS)	09/14/72-09/25/73	21	2.	3.69	19.	0.5	15.962	3.995	1.	2.	4.5	7.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/11/72-09/25/73	20 ##	0.75	1.03	2.	0.1	0.476	0.69	0.5	0.5	2.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	09/14/72-09/25/73	24	2.	1.9	10.	0.1	4.136	2.034	0.5	0.5	2.	4.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/11/72-09/11/73	17	3.	3.176	8.	1.	5.904	2.43	1.	1.	4.	8.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/14/72-09/11/73	20	4.	5.75	16.	1.	20.303	4.506	1.	2.25	8.	15.4
01040	COPPER, DISSOLVED (UG/L AS CU)	10/11/72-09/25/73	17	4.	4.024	10.	0.4	4.934	2.221	1.68	2.5	5.5	6.8
01042	COPPER, TOTAL (UG/L AS CU)	09/14/72-09/25/73	21	5.	7.352	55.	0.4	124.848	11.174	2.	3.	6.	9.8
01045	IRON, TOTAL (UG/L AS FE)	10/11/72-09/25/73	20	135.	545.85	4500.	50.	1075869.187	1037.241	66.	80.	537.25	1750.
01046	IRON, DISSOLVED (UG/L AS FE)	10/11/72-09/25/73	19	45.	59.158	270.	15.	3041.251	55.148	20.	40.	55.	95.
01049	LEAD, DISSOLVED (UG/L AS PB)	10/11/72-09/11/73	19	5.	7.237	20.	2.5	20.538	4.532	2.5	5.	10.	15.
01051	LEAD, TOTAL (UG/L AS PB)	09/14/72-09/25/73	24	8.	8.667	30.	2.5	34.906	5.908	3.25	5.	10.	16.
01055	MANGANESE, TOTAL (UG/L AS MN)	10/11/72-09/25/73	21	35.	56.381	276.	13.	3636.648	60.305	14.4	20.5	72.5	133.6
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/11/72-09/11/73	19	9.	13.053	42.	2.	123.942	11.133	2.	6.	21.	30.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/31/72-09/25/73	18	55.5	57.333	84.	40.	166.471	12.902	41.8	47.5	65.5	82.2
01082	STRONTIUM, TOTAL (UG/L AS SR)	10/11/72-09/25/73	21	54.	57.381	88.	40.	168.248	12.971	42.2	47.	64.5	81.2
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/11/72-09/11/73	18	55.	91.	225.	10.	5795.765	76.13	15.4	27.5	186.25	207.
01092	ZINC, TOTAL (UG/L AS ZN)	09/14/72-09/25/73	23	85.	111.826	265.	10.	7019.514	83.783	20.	35.	210.	238.

** - Less than 9 observations ## - 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: CODA0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01097	ANTIMONY, TOTAL (UG/L AS SB)	09/14/72-09/15/72	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/11/72-09/25/73	18 ##	1.	1.333	6.	1.	1.412	1.188	1.	1.	1.	2.4
01147	SELENIUM, TOTAL (UG/L AS SE)	10/11/72-09/25/73	22 ##	1.	1.364	6.	1.	1.29	1.136	1.	1.	1.	2.7
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/14/72-09/15/72	2	20.	20.	30.	10.	200.	14.142	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/14/72-09/15/72	2	1.239	1.239	1.477	1.	0.114	0.337	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.321								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/14/72-09/15/72	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/14/72-09/15/72	2 ##	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.								
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	09/16/75-09/08/77	2	8.85	8.85	17.	0.7	132.845	11.526	**	**	**	**
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	11/02/76-11/02/76	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	7 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39336	BHC-ALPHA, WATER, WHOLE LBS/DAY	10/11/72-12/12/72	4 ##	0.015	0.023	0.045	0.015	0.	0.015	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/11/72-12/12/72	4 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/11/72-08/20/73	7	0.003	0.003	0.004	0.001	0.	0.001	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/11/72-08/20/73	7 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	7 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	7 ##	0.001	0.001	0.004	0.001	0.	0.001	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	7 ##	0.002	0.004	0.017	0.001	0.	0.006	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	7 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	7 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	7 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	7 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	7 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/12/73-08/20/73	3 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/11/72-08/20/73	7 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	09/08/77-09/08/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	01/18/73-09/25/73	3	0.5	0.433	0.7	0.1	0.093	0.306	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/14/72-09/25/73	22	0.9	1.286	5.6	0.1	1.402	1.184	0.23	0.625	1.85	2.42

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

EPA Water Quality Criteria Analysis for Station: CODA0008

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	0	0.00	2	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									
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.	2	0	0.00	2	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	15	0	0.00	10	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	15	0	0.00	10	0	0.00	3	0	0.00	2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	21	0	0.00	11	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	50.	21	0	0.00	11	0	0.00	5	0	0.00	5	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	20	0	0.00	10	0	0.00	4	0	0.00	6	0	0.00			
		Drinking Water	5.	20	0	0.00	10	0	0.00	4	0	0.00	6	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	24	3	0.13	12	2	0.17	6	1	0.17	6	0	0.00			
		Drinking Water	5.	24	1	0.04	12	1	0.08	6	0	0.00	6	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	17	0	0.00	8	0	0.00	4	0	0.00	5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	20	0	0.00	10	0	0.00	5	0	0.00	5	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	17	0	0.00	10	0	0.00	3	0	0.00	4	0	0.00			
		Drinking Water	1300.	17	0	0.00	10	0	0.00	3	0	0.00	4	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	21	1	0.05	12	1	0.08	5	0	0.00	4	0	0.00			
		Drinking Water	1300.	21	0	0.00	12	0	0.00	5	0	0.00	4	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	19	0	0.00	9	0	0.00	4	0	0.00	6	0	0.00			
		Drinking Water	5.	16 &	12	0.75	7	5	0.71	4	4	1.00	5	3	0.60			
01051	LEAD, TOTAL	Fresh Acute	82.	24	0	0.00	12	0	0.00	6	0	0.00	6	0	0.00			
		Drinking Water	5.	21 &	18	0.86	10	9	0.90	6	6	1.00	5	3	0.60			
01090	ZINC, DISSOLVED	Fresh Acute	120.	18	6	0.33	9	1	0.11	4	4	1.00	5	1	0.20			

& - 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: CODA0008

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01092	ZINC, TOTAL	Fresh Acute	120.	23	8	0.35	12	2	0.17	5	5	1.00	6	1	0.17			
01097	ANTIMONY, TOTAL	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	10.	2	0	0.00	2	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	50.	18	0	0.00	9	0	0.00	3	0	0.00	6	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	22	0	0.00	9	0	0.00	7	0	0.00	6	0	0.00			
		Drinking Water	50.	22	0	0.00	9	0	0.00	7	0	0.00	6	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	7	0	0.00	5	0	0.00				2	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	7	0	0.00	5	0	0.00				2	0	0.00			
		Drinking Water	0.2	7	0	0.00	5	0	0.00				2	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	7	0	0.00	5	0	0.00				2	0	0.00			
		Drinking Water	2.	7	0	0.00	5	0	0.00				2	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	7	0	0.00	5	0	0.00				2	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	7	0	0.00	5	0	0.00				2	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	7	0	0.00	5	0	0.00				2	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	7	0	0.00	5	0	0.00				2	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	7	0	0.00	5	0	0.00				2	0	0.00			
		Drinking Water	0.2	7	0	0.00	5	0	0.00				2	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	7	0	0.00	5	0	0.00				2	0	0.00			
		Drinking Water	3.	7	0	0.00	5	0	0.00				2	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	7	0	0.00	5	0	0.00				2	0	0.00			
		Drinking Water	0.4	7	0	0.00	5	0	0.00				2	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	7	0	0.00	5	0	0.00				2	0	0.00			
		Drinking Water	0.2	7	0	0.00	5	0	0.00				2	0	0.00			
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	7	0	0.00	5	0	0.00				2	0	0.00			
		Drinking Water	0.2	7	0	0.00	5	0	0.00				2	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	22	2	0.09	10	0	0.00	7	1	0.14	5	1	0.20			
		Drinking Water	2.	22	5	0.23	10	0	0.00	7	4	0.57	5	1	0.20			

& - 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: CODA0009

NPS Station ID: CODA0009
LAT/LON: 47.833338/-117.900005
Agency: NITROGEN
Date Created: / /
Location: COLUMBIA AT SPOKANE RIVER LEFT
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SMSRL7
RMI-Indexes: 1310001
Within Park Boundary: No
RMI-Miles: 0643.00
HUC: 17010307
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17010307009
RF1 Mile Point: 2.650
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/72-05/25/72	2	9.	9.	11.8	6.2	15.68	3.96	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/20/72-05/25/72	2	13.15	13.15	13.4	12.9	0.125	0.354	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/20/72-05/25/72	2	119.45	119.45	125.1	113.8	63.845	7.99	**	**	**	**
73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/20/72-05/25/72	2	18.25	18.25	18.3	18.2	0.005	0.071	**	**	**	**
73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/20/72-05/25/72	2	1.25	1.25	1.3	1.2	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: CODA0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0010

NPS Station ID: CODA0010
LAT/LON: 47.833338/-117.900005
Agency: NITROGEN
Date Created: / /
Location: COLUMBIA AT SPOKANE RIVER RIGHT
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SMSRR7
RMI-Indexes: 1310001
Within Park Boundary: No
RMI-Miles: 0643.00
HUC: 17010307
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17010307009
RF1 Mile Point: 2.650
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/72-05/25/72	3	6.2	7.933	11.8	5.8	11.253	3.355	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/05/72-05/25/72	3	13.4	13.667	14.6	13.	0.693	0.833	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/05/72-05/25/72	3	122.5	120.8	126.1	113.8	39.99	6.324	**	**	**	**
00400	PH (STANDARD UNITS)	05/25/72-05/25/72	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/25/72-05/25/72	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/25/72-05/25/72	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/72-05/25/72	1	22.	22.	22.	22.	0.	0.	**	**	**	**
73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/05/72-05/25/72	3	18.4	18.4	18.5	18.3	0.01	0.1	**	**	**	**
73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/05/72-05/25/72	3	1.2	1.233	1.3	1.2	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: CODA0010

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00				1	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			

& - 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: CODA0011

NPS Station ID: CODA0011
LAT/LON: 47.837226/-118.368059
Agency: 112WRD
Date Created: 01/30/93
Location: LAKE ROOSEVELT NEAR SEVEN BAYS MS
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 475014118220500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	1.93	1.93	1.93	1.93	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	12.8	12.8	12.8	12.8	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	958.	958.	958.	958.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	68.4	68.4	68.4	68.4	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	35.	35.	35.	35.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	78.	78.	78.	78.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	324.	324.	324.	324.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/13/92-10/13/92	1	0.72	0.72	0.72	0.72	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1	2.33	2.33	2.33	2.33	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1	1.58	1.58	1.58	1.58	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34445	NAPHTHALENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/13/92-10/13/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	1	6.	6.	6.	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

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

Station Inventory for Station: CODA0012

NPS Station ID: CODA0012
LAT/LON: 47.842227/-118.390837
Agency: 112WRD
Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR SEVEN BAYS RB
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 475032118232700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	3.14	3.14	3.14	3.14	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	20.1	20.1	20.1	20.1	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	896.	896.	896.	896.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	66.7	66.7	66.7	66.7	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	40.	40.	40.	40.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	75.	75.	75.	75.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	317.	317.	317.	317.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	3.86	3.86	3.86	3.86	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	900.	900.	900.	900.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/13/92-10/13/92	1	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1	1.28	1.28	1.28	1.28	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/13/92-10/13/92	1	200.	200.	200.	200.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	1	48.	48.	48.	48.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: CODA0013

NPS Station ID: CODA0013 LAT/LON: 47.848615/-118.363893 Agency: 10EPACOP Date Created: 10/22/88
Location: LAKE ROOSEVELT AT SEVEN BAYS R.M. 635.4 FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /RESERV/TYPA/AMBNT/FISH/SOLIDS/TISSUE STORET Station ID(s): 05A026
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17020001 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020001041 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
SEDIMENT TAKEN .5 MI OFF RT BANK, BTWN GEORGE CR AND RATTLESNAKE DRAW

Parameter Inventory for Station: CODA0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/86-09/26/86	1	17.1	17.1	17.1	17.1	0.	0.	**	**	**	**
00019	SAMPLE WEIGHT IN GRAMS	09/26/86-09/26/86	11	704.	776.273	1164.	391.	87798.618	296.308	405.4	473.	1073.	1151.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/26/86-09/26/86	2	109.	109.	109.	109.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/86-09/26/86	2	8.45	8.45	8.5	8.4	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	09/26/86-09/26/86	2	7.35	7.35	7.6	7.1	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/26/86-09/26/86	2	7.282	7.282	7.6	7.1	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/86-09/26/86	2	0.052	0.052	0.079	0.025	0.001	0.038	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/26/86-09/26/86	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/26/86-09/26/86	2	65.	65.	65.	65.	0.	0.	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/26/86-09/26/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/26/86-09/26/86	11	0.06	0.075	0.16	0.01	0.003	0.055	0.01	0.01	0.12	0.156
01040	COPPER, DISSOLVED (UG/L AS CU)	09/26/86-09/26/86	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/26/86-09/26/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/26/86-09/26/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/26/86-09/26/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/26/86-09/26/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/26/86-09/26/86	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
01360	SAMPLE LENGTH CM	09/26/86-09/26/86	11	38.9	38.373	46.	29.1	21.472	4.634	30.02	36.	41.5	45.1
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/26/86-09/26/86	11	0.1	0.126	0.31	0.04	0.008	0.09	0.04	0.07	0.17	0.302
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/26/86-09/26/86	11	0.07	0.179	0.55	0.02	0.035	0.188	0.024	0.05	0.31	0.534
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/26/86-09/26/86	11	0.44	0.887	4.8	0.24	1.726	1.314	0.248	0.28	0.68	4.02
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/26/86-09/26/86	11	4.6	11.191	25.2	3.4	91.049	9.542	3.48	4.4	21.9	25.06
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/26/86-09/26/86	11	0.02	0.102	0.3	0.005	0.015	0.123	0.006	0.01	0.25	0.29

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

EPA Water Quality Criteria Analysis for Station: CODA0013

Parameter				Total	Exceed	Prop.	8/15-1/31			2/01-4/15			4/16-8/14			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	0	0.00	2	0	0.00									
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									

& - 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: CODA0013

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: CODA0014

NPS Station ID: CODA0014
LAT/LON: 47.850004/-118.350003
Agency: NITROGEN
Date Created: / /
Location: COULEE DAM FB BELOW SPOKANE R.
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): WFCF03
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0641.00
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001041
RF1 Mile Point: 1.310
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	1	112.4	112.4	112.4	112.4	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	1	130.1	130.1	130.1	130.1	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: CODA0014

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0015

NPS Station ID: CODA0015
LAT/LON: 47.850004/-118.350003
Agency: NITROGEN
Date Created: / /
Location: COULEE DAM FB BELOW SPOKANE R.
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): WFCF04
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0641.00
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001041
RF1 Mile Point: 1.310
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	1	116.6	116.6	116.6	116.6	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	1	126.6	126.6	126.6	126.6	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: CODA0015

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0016

NPS Station ID: CODA0016
LAT/LON: 47.863337/-118.352782
Agency: 21540000
Date Created: / /
Location: COLUMBIA R 2 MI BL SPOKANE R
FIPS State/County: WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 541225 /STA 2
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0641.00
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMARIVER
ECO Region:
RF1 Index: 17020001041
RF1 Mile Point: 1.840
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-11/24/70	17	19.4	17.841	24.6	8.6	19.119	4.373	9.4	15.3	21.05	22.68
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/06/70-11/24/70	13	1.	2.154	9.	1.	4.974	2.23	1.	1.	2.	7.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/70-10/27/70	15	216.	210.8	432.	90.	9328.457	96.584	100.8	132.	264.	374.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/70-11/24/70	13	145.	148.154	184.	130.	164.808	12.838	134.	141.5	153.	173.6
00300	OXYGEN, DISSOLVED MG/L	05/06/70-11/24/70	17	9.6	9.647	11.8	7.6	1.259	1.122	8.32	8.95	10.35	11.72
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/23/70-10/27/70	15	106.	105.067	135.	85.	186.495	13.656	88.6	93.	114.	126.
00400	PH (STANDARD UNITS)	05/06/70-10/27/70	11	7.9	7.964	8.5	7.6	0.071	0.266	7.62	7.8	8.2	8.44
00400	CONVERTED PH (STANDARD UNITS)	05/06/70-10/27/70	11	7.9	7.899	8.5	7.6	0.075	0.274	7.62	7.8	8.2	8.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/70-10/27/70	11	0.013	0.013	0.025	0.003	0.	0.007	0.004	0.006	0.016	0.024
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/70-10/27/70	8	0.	0.016	0.07	0.	0.001	0.03	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/70-10/27/70	11	0.05	0.053	0.11	0.	0.001	0.036	0.002	0.02	0.09	0.106
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/06/70-10/27/70	8	0.08	0.109	0.27	0.005	0.01	0.1	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/70-11/24/70	13	0.01	0.018	0.04	0.005	0.	0.012	0.007	0.01	0.025	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/70-11/24/70	12	0.01	0.013	0.03	0.	0.	0.01	0.	0.01	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	8	0.01	0.01	0.03	0.	0.	0.009	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	05/06/70-11/24/70	17	10.	41.529	160.	0.	3141.39	56.048	0.	5.5	72.	144.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	05/06/70-11/24/70	17	1.	1.163	2.204	0.	0.509	0.713	0.	0.739	1.81	2.158
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			14.553								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	11	0.01	0.013	0.03	0.	0.	0.008	0.002	0.01	0.02	0.028

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

EPA Water Quality Criteria Analysis for Station: CODA0016

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	13	0	0.00	9	0	0.00				4	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	17	0	0.00	9	0	0.00				8	0	0.00			
00400	PH	Other-Hi Lim.	9.	11	0	0.00	7	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	7	0	0.00				4	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	7	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: CODA0017

NPS Station ID: CODA0017
Location: SPOKANE RIVER MILE 12.8
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1310001 006500
RMI-Miles: 0643.00 0012.80
HUC: 17010307
Major Basin: PACIFIC NORTHWEST
Minor Basin: SPOKANE RIVER BASIN
RF1 Index: 17010307003
RF3 Index:
Description:

LAT/LON: 47.887504/-118.147227
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.140
RF3 Mile Point: 0.00

Agency: 21540000
FIPS State/County: WASHINGTON/
STORET Station ID(s): 541229 /STA 6
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CODA0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-11/24/70	17	20.	19.065	26.6	8.4	28.92	5.378	8.88	15.9	23.55	25.8
00060	FLOW, STREAM, MEAN DAILY CFS	05/06/70-11/24/70	12	3245.	4847.5	15000.	2170.	21157075.	4599.682	2200.	2585.	3340.	14790.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/06/70-11/24/70	13	2.	3.462	16.	1.	15.269	3.908	1.	2.	3.	11.6
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/70-10/27/70	15	108.	125.2	216.	54.	2509.029	50.09	61.2	84.	180.	201.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/70-11/24/70	13	155.	134.154	175.	74.	1174.141	34.266	80.4	100.5	163.	171.
00300	OXYGEN, DISSOLVED MG/L	05/06/70-11/24/70	17	9.2	8.912	12.1	5.4	3.92	1.98	5.88	7.1	10.4	11.62
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/23/70-10/27/70	15	108.	99.667	140.	61.	707.238	26.594	63.4	74.	122.	136.4
00400	PH (STANDARD UNITS)	05/06/70-10/27/70	11	7.8	8.055	8.8	7.6	0.243	0.493	7.6	7.6	8.6	8.78
00400	CONVERTED PH (STANDARD UNITS)	05/06/70-10/27/70	11	7.8	7.858	8.8	7.6	0.285	0.534	7.6	7.6	8.6	8.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/70-10/27/70	11	0.016	0.014	0.025	0.002	0.	0.011	0.002	0.003	0.025	0.025
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/70-10/13/70	7	0.	0.033	0.13	0.	0.003	0.057	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/70-10/27/70	11	0.15	0.235	0.75	0.01	0.052	0.228	0.014	0.03	0.36	0.688
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/06/70-10/13/70	7	0.03	0.087	0.21	0.	0.009	0.093	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/70-11/24/70	12	0.02	0.021	0.04	0.01	0.	0.009	0.01	0.013	0.028	0.037
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/70-11/24/70	12	0.01	0.013	0.03	0.	0.	0.008	0.003	0.01	0.02	0.027
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	10	0.01	0.009	0.02	0.	0.	0.006	0.	0.008	0.01	0.019
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	05/06/70-11/24/70	17	20.	188.824	1000.	2.	125107.154	353.705	2.8	4.	170.	984.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	05/06/70-11/24/70	17	1.301	1.403	3.	0.301	0.845	0.919	0.442	0.602	2.19	2.993
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			25.264								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	11	0.01	0.014	0.03	0.	0.	0.008	0.002	0.01	0.02	0.028

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

EPA Water Quality Criteria Analysis for Station: CODA0017

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	13	0	0.00	9	0	0.00				4	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	17	0	0.00	9	0	0.00				8	0	0.00			
00400	PH	Other-Hi Lim.	9.	11	0	0.00	7	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	7	0	0.00				4	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	7	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: CODA0018

NPS Station ID: CODA0018
LAT/LON: 47.891670/-118.139727
Agency: 112WRD
Date Created: 09/30/89
Location: BLUE CREEK AT MOUTH
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475330118082301
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17010307
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17010307
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0018

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: CODA0019

NPS Station ID: CODA0019
LAT/LON: 47.894504/-118.335004
Agency: NITROGEN
Date Created: / /
Location: MOUTH OF SPOKANE RIVER
FIPS State/County: 53000 WASHINGTON/
Station Type: /AMBNT/WELL/STREAM
STORET Station ID(s): SMSRC7
RMI-Indexes: 1310001 006500
Within Park Boundary: Yes
RMI-Miles: 0643.00 0000.00
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLUMBIA
ECO Region:
RF1 Index: 17020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
MOUTH OF SPOKANE RIVER

Parameter Inventory for Station: CODA0019

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: CODA0020

NPS Station ID: CODA0020 LAT/LON: 47.895838/-118.320837 Agency: 21WSU Date Created: 12/01/79
Location: SPOKANE R APPR 1 MILE ABOVE COLUMBIA R CONF FIPS State/County: 53043 WASHINGTON/LINCOLN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): WSU020
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17010307 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: SPOKANE RIVER ECO Region:
RF1 Index: 17010307001 RF1 Mile Point: 0.550 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
DATA FROM WASH STATE UNIV SAMPLES ANALYZED FOR TOXICS; SAMPLES TAKEN FROM
SPOKANE R APPR 1 MILE ABOVE COLUMBIA R - PORCUPINE BAY - BACKWATER

Parameter Inventory for Station: CODA0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/06/77-06/06/77	8 ##	0.14	0.627	2.26	0.14	0.823	0.907	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/06/77-06/06/77	8	1.105	1.595	3.59	0.37	1.505	1.227	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	06/06/77-06/06/77	8	18.88	21.094	59.24	4.1	308.835	17.574	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	06/06/77-06/06/77	8 ##	0.025	0.108	0.28	0.025	0.014	0.117	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	06/06/77-06/06/77	8	0.255	0.528	1.73	0.005	0.41	0.64	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	06/06/77-06/06/77	8	1.	1.	1.	1.	0.	0.	**	**	**	**
81660	IRON IN FISH TISSUE WET WEIGHT MG/KG	06/06/77-06/06/77	8	55.01	69.263	207.26	4.05	4892.909	69.949	**	**	**	**
81741	MANGANESE IN FISH TISSUE WET WEIGHT MG/KG	06/06/77-06/06/77	8	1.1	1.04	2.28	0.09	0.607	0.779	**	**	**	**

** - Less than 9 observations ## - 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: CODA0021

NPS Station ID: CODA0021
LAT/LON: 47.896948/-118.134726
Agency: 112WRD
Date Created: 09/22/84
Location: BLUE CR NR MOUTH NR WELLPINIT, WA
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12433561
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17010307
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17010307
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/30/80-07/22/85	17	5.7	7.724	19.3	0.	42.894	6.549	0.	1.1	13.2	16.98
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/80-07/22/85	17	793.	734.824	1110.	205.	69236.029	263.127	314.6	509.5	885.	1094.
00300	OXYGEN, DISSOLVED MG/L	04/30/80-07/22/85	17	11.5	11.347	13.5	9.2	2.165	1.471	9.52	10.	12.65	13.42
00340	COD, .25N K2CR2O7 MG/L	07/24/84-07/22/85	13	18.	16.154	41.	5.	124.974	11.179	5.	5.	23.5	35.
00400	PH (STANDARD UNITS)	04/30/80-07/22/85	17	7.6	7.635	8.3	6.8	0.114	0.337	7.2	7.45	7.8	8.14
00400	CONVERTED PH (STANDARD UNITS)	04/30/80-07/22/85	17	7.6	7.497	8.3	6.8	0.134	0.366	7.2	7.45	7.8	8.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/30/80-07/22/85	17	0.025	0.032	0.158	0.005	0.001	0.035	0.007	0.016	0.036	0.072
00403	PH, LAB, STANDARD UNITS SU	04/30/80-07/22/85	17	7.8	7.9	9.7	7.	0.282	0.532	7.48	7.7	8.	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	04/30/80-07/22/85	17	7.8	7.709	9.7	7.	0.321	0.567	7.48	7.7	8.	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/30/80-07/22/85	17	0.016	0.02	0.1	0.	0.	0.022	0.005	0.01	0.02	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/30/80-11/17/80	4	88.5	83.	95.	60.	252.667	15.895	**	**	**	**
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	04/30/80-11/17/80	4	291.5	295.75	579.	21.	97158.25	311.702	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/24/84-07/22/85	12	9.	16.667	80.	1.	460.97	21.47	2.2	5.25	22.25	64.1
00602	NITROGEN, DISSOLVED (MG/L AS N)	05/20/05-06/24/85	3	1.7	2.	2.6	1.7	0.27	0.52	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/20/05-05/20/85	2	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/20/05-06/24/85	13	0.06	0.052	0.09	0.005	0.	0.021	0.015	0.04	0.065	0.082
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/20/05-06/24/85	13 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/20/05-07/22/85	14	0.6	0.607	1.3	0.3	0.067	0.259	0.3	0.4	0.7	1.1
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/20/05-06/24/85	17	2.3	2.741	5.7	0.3	2.981	1.727	0.54	1.35	4.	5.54
00678	PHOSPHORUS,HYDROLYZABLE + ORTHO,TOT,AUTOANALYZER	05/20/05-07/22/85	14	0.035	0.043	0.12	0.01	0.001	0.031	0.015	0.02	0.05	0.11
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/30/80-11/17/80	4	285.	269.5	420.	88.	21507.667	146.655	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/30/80-11/17/80	4	205.	191.25	320.	35.	16606.25	128.865	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/30/80-07/22/85	17	98.	93.059	150.	24.	1282.434	35.811	37.6	62.	115.	142.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/30/80-07/22/85	17	37.	35.106	58.	6.8	212.316	14.571	14.16	22.5	45.	56.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/30/80-07/22/85	17	15.	13.924	20.	6.7	15.934	3.992	8.38	10.3	17.	19.2
00931	SODIUM ADSORPTION RATIO	04/30/80-11/17/80	4	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/30/80-11/17/80	4	8.	9.	14.	6.	12.	3.464	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/30/80-07/22/85	17	3.1	3.124	4.3	1.9	0.528	0.727	2.06	2.55	3.75	4.14
00940	CHLORIDE,TOTAL IN WATER MG/L	04/30/80-07/22/85	16	2.	2.181	10.	0.9	4.579	2.14	0.97	1.	2.	4.4
00945	SULFATE, TOTAL (MG/L AS SO4)	04/30/80-07/22/85	17	340.	332.118	580.	46.	23936.235	154.713	113.2	190.	415.	572.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/30/80-07/22/85	17	0.3	0.3	0.5	0.2	0.004	0.061	0.2	0.3	0.3	0.34
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/30/80-07/22/85	17	37.	37.882	44.	35.	6.36	2.522	35.	36.	39.	42.4
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/30/80-07/22/85	16 ##	0.5	1.344	5.	0.5	1.891	1.375	0.5	0.5	2.	4.3
01001	ARSENIC, SUSPENDED (UG/L AS AS)	05/20/85-07/22/85	3	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/24/84-07/22/85	13 ##	0.5	1.154	3.	0.5	0.808	0.899	0.5	0.5	2.	2.6
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/24/84-07/22/85	13	31.	37.154	61.	25.	193.474	13.91	25.4	26.	53.5	59.8
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/24/84-07/22/85	13 ##	0.25	0.427	2.	0.25	0.247	0.496	0.25	0.25	0.25	1.52
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/16/80-07/22/85	15 ##	0.5	0.733	2.	0.5	0.174	0.417	0.5	0.5	1.	1.4

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

Parameter Inventory for Station: CODA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01027	CADMIUM, TOTAL (UG/L AS CD)	07/24/84-07/22/85	13	1.	1.038	3.	0.5	0.519	0.721	0.5	0.5	1.	2.6
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/24/84-07/22/85	13	1.	2.885	8.	0.5	8.673	2.945	0.5	0.5	5.5	8.
01031	CHROMIUM, SUSPEND (UG/L AS CR)	05/20/85-07/22/85	3	18.	17.	19.	14.	7.	2.646	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/24/84-07/22/85	13	18.	14.769	36.	1.	150.526	12.269	1.	2.	25.	32.4
01035	COBALT, DISSOLVED (UG/L AS CO)	09/16/80-11/17/80	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/24/84-07/22/85	13	2.	1.654	3.	0.5	0.599	0.774	0.5	0.75	2.	2.6
01041	COPPER, SUSPENDED (UG/L AS CU)	05/20/85-07/22/85	3	4.	4.	7.	1.	9.	3.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/24/84-07/22/85	13	4.	5.346	16.	0.5	16.474	4.059	1.1	3.	7.	13.6
01044	IRON, SUSPENDED (UG/L AS FE)	05/20/85-06/24/85	2	595.	595.	630.	560.	2450.	49.497	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/24/84-07/22/85	13	160.	566.923	3200.	60.	849873.077	921.886	76.	110.	605.	2640.
01046	IRON, DISSOLVED (UG/L AS FE)	09/16/80-07/22/85	15	7.	13.3	64.	1.5	360.886	18.997	1.5	4.	10.	58.
01049	LEAD, DISSOLVED (UG/L AS PB)	07/24/84-07/22/85	13	3.	3.385	17.	0.5	18.673	4.321	0.5	0.5	4.	11.8
01050	LEAD, SUSPENDED (UG/L AS PB)	05/20/85-07/22/85	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/24/84-07/22/85	13	5.	8.462	20.	0.5	58.228	7.631	0.5	1.5	15.5	18.8
01054	MANGANESE, SUSPENDED (UG/L AS MN)	05/20/85-07/22/85	3	160.	323.333	710.	100.	113033.333	336.204	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/24/84-07/22/85	13	900.	1146.923	2900.	110.	752806.41	867.644	122.	430.	1800.	2660.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/16/80-07/22/85	15	650.	922.333	2300.	30.	601224.524	775.387	69.	170.	1700.	2180.
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/16/80-07/22/85	15	20.	20.133	39.	3.	87.124	9.334	4.8	16.	26.	33.6
01066	NICKEL, SUSPENDED (UG/L AS NI)	05/20/85-07/22/85	3	10.	12.333	19.	8.	34.333	5.859	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/24/84-07/22/85	13	37.	35.385	60.	16.	209.423	14.471	16.	21.5	48.	56.8
01075	SILVER, DISSOLVED (UG/L AS AG)	07/24/84-07/22/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01077	SILVER, TOTAL (UG/L AS AG)	07/24/84-07/22/85	13 ##	0.5	0.615	2.	0.5	0.173	0.416	0.5	0.5	0.5	1.4
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/16/80-07/22/85	15	420.	425.333	620.	180.	17926.667	133.891	198.	360.	540.	620.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/17/80-07/22/85	14	24.	26.5	59.	7.	210.577	14.511	9.	15.5	37.75	51.5
01091	ZINC, SUSPENDED (UG/L ZN)	05/20/85-07/22/85	3	70.	133.333	290.	40.	18633.333	136.504	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/24/84-07/22/85	13	50.	73.846	300.	20.	6025.641	77.625	20.	25.	75.	244.
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	07/24/84-07/22/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/24/84-07/22/85	13	200.	892.308	4800.	50.	2231602.564	1493.855	50.	50.	1050.	4240.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/24/84-07/22/85	13 ##	50.	57.692	100.	50.	352.564	18.777	50.	50.	50.	100.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/30/80-07/22/85	16 ##	0.5	0.406	0.5	0.	0.041	0.202	0.	0.5	0.5	0.5
01147	SELENIUM, TOTAL (UG/L AS SE)	07/24/84-07/22/85	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	07/24/84-07/22/85	13	40.	43.769	60.	28.	126.692	11.256	28.4	34.	55.	58.8
09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	04/30/80-07/22/85	17 ##	0.1	0.153	0.45	0.05	0.019	0.136	0.05	0.05	0.2	0.45
22703	URANIUM, NATURAL, DISSOLVED	04/30/80-07/22/85	16	120.	128.313	244.	44.	2338.096	48.354	77.6	100.	144.5	223.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/30/80-07/22/85	17	600.	581.176	946.	182.	50578.779	224.897	262.	379.	714.5	915.6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/30/80-11/17/80	4	451.	418.25	610.	161.	42662.917	206.55	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/30/80-11/17/80	4	0.625	0.583	0.83	0.25	0.071	0.266	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/20/05-05/20/85	2	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/24/84-06/24/85	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
71900	MERCURY, TOTAL (UG/L AS HG)	07/24/84-06/24/85	12 ##	0.05	0.104	0.6	0.05	0.025	0.157	0.05	0.05	0.088	0.45
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/30/80-07/22/85	17	120.	139.941	330.	31.	5744.059	75.79	79.8	97.	155.	306.
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	07/24/84-07/22/85	13	34.	37.231	52.	24.	94.192	9.705	24.	29.5	47.5	50.8
81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	07/24/84-07/22/85	13 ##	1.	1.462	7.	1.	2.769	1.664	1.	1.	1.	4.6
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	04/30/80-11/17/80	4	2.6	2.35	2.8	1.4	0.437	0.661	**	**	**	**
82305	RADON 222, DISSOLVED IN WATER PC/L	08/27/84-07/22/85	10	39.	39.8	66.	11.	293.067	17.119	11.8	28.75	51.	65.7

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: CODA0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------8/15-1/31---------- Obs	Exceed	Prop.	----------2/01-4/15---------- Obs	Exceed	Prop.	----------4/16-8/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	17	0	0.00	8	0	0.00	2	0	0.00	7	0	0.00			
00400	PH	Other-Hi Lim.	9.	17	0	0.00	8	0	0.00	2	0	0.00	7	0	0.00			
		Other-Lo Lim.	6.5	17	0	0.00	8	0	0.00	2	0	0.00	7	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	17	1	0.06	8	1	0.13	2	0	0.00	7	0	0.00			
		Other-Lo Lim.	6.5	17	0	0.00	8	0	0.00	2	0	0.00	7	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	17	0	0.00	8	0	0.00	2	0	0.00	7	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	16	0	0.00	7	0	0.00	2	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: CODA0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	17	5	0.29	8	3	0.38	2	0	0.00	7	2	0.29			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	16	0	0.00	7	0	0.00	2	0	0.00	7	0	0.00			
		Drinking Water	50.	16	0	0.00	7	0	0.00	2	0	0.00	7	0	0.00			
01001	ARSENIC, SUSPENDED	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.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	50.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	15	0	0.00	8	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	5.	15	0	0.00	8	0	0.00	2	0	0.00	5	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	5.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	3	0	0.00							3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	1300.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
01041	COPPER, SUSPENDED	Fresh Acute	18.	3	0	0.00							3	0	0.00			
		Drinking Water	1300.	3	0	0.00							3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	1300.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	5.	13	1	0.08	6	1	0.17	2	0	0.00	5	0	0.00			
01050	LEAD, SUSPENDED	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.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	5.	13	7	0.54	6	4	0.67	2	1	0.50	5	2	0.40			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	15	0	0.00	8	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	100.	15	0	0.00	8	0	0.00	2	0	0.00	5	0	0.00			
01066	NICKEL, SUSPENDED	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.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	100.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	50.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	50.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	14	0	0.00	7	0	0.00	2	0	0.00	5	0	0.00			
01091	ZINC, SUSPENDED	Fresh Acute	120.	3	1	0.33							3	1	0.33			
01092	ZINC, TOTAL	Fresh Acute	120.	13	2	0.15	6	0	0.00	2	1	0.50	5	1	0.20			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	10.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	16	0	0.00	7	0	0.00	2	0	0.00	7	0	0.00			
		Drinking Water	50.	16	0	0.00	7	0	0.00	2	0	0.00	7	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	50.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	16	16	1.00	8	8	1.00	2	2	1.00	6	6	1.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	2.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
		Drinking Water	2.	12	0	0.00	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: CODA0022

NPS Station ID: CODA0022 LAT/LON: 47.899170/-118.135559 Agency: 112WRD Date Created: 09/30/89
Location: UNNAMED TRIB. TO BLUE CREEK IN SEC. 27H FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 475357118080801
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17010307 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17010307 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0022

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: CODA0023

NPS Station ID: CODA0023
LAT/LON: 47.900004/-118.100003
Agency: 10EPACOP
Date Created: 10/22/88
Location: BLUE CREEK AT MOUTH
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 03Z136
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17010307
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: SPOKANE RIVER
ECO Region:
RF1 Index: 17010307029
RF1 Mile Point: 0.000
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: CODA0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/86-05/13/86	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/13/86-05/13/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/86-05/13/86	2	478.	478.	479.	477.	2.	1.414	**	**	**	**
00400	PH (STANDARD UNITS)	05/13/86-05/13/86	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/13/86-05/13/86	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/13/86-05/13/86	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/86-05/13/86	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/86-05/13/86	2	225.	225.	230.	220.	50.	7.071	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/13/86-05/13/86	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/13/86-05/13/86	2	0.8	0.8	1.	0.6	0.08	0.283	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/13/86-05/13/86	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/13/86-05/13/86	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/13/86-05/13/86	2	18.5	18.5	20.	17.	4.5	2.121	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/13/86-05/13/86	2	33.5	33.5	35.	32.	4.5	2.121	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/13/86-05/13/86	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/13/86-05/13/86	2	3.	3.	5.	1.	8.	2.828	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/13/86-05/13/86	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------8/15-1/31---------- Obs	Exceed	Prop.	----------2/01-4/15---------- Obs	Exceed	Prop.	----------4/16-8/14---------- Obs	Exceed	Prop.	--------------n/a-------------- 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			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00							2	0	0.00			
		Drinking Water	50.	2	0	0.00							2	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00							2	0	0.00			
		Drinking Water	1300.	2	0	0.00							2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	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

EPA Water Quality Criteria Analysis for Station: CODA0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00							2	0	0.00			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00							2	0	0.00			
		Drinking Water	1300.	2	0	0.00							2	0	0.00			
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	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: CODA0024

NPS Station ID: CODA0024
LAT/LON: 47.900004/-118.350003
Agency: NITROGEN
Date Created: / /
Location: COULEE DAM FB ABOVE SPOKANE R.
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): WFCF05
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0644.50
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001144
RF1 Mile Point: 0.390
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	1	11.7	11.7	11.7	11.7	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	1	11.8	11.8	11.8	11.8	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	1	114.1	114.1	114.1	114.1	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	1	133.4	133.4	133.4	133.4	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: CODA0024

				Total	Exceed	Prop.	8/15-1/31			2/01-4/15			4/16-8/14			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0025

NPS Station ID: CODA0025
LAT/LON: 47.900004/-118.350003
Agency: NITROGEN
Date Created: / /
Location: COULEE DAM FB ABOVE SPOKANE R.
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): WFCF06
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0644.50
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001144
RF1 Mile Point: 0.390
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	1	13.6	13.6	13.6	13.6	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	1	111.1	111.1	111.1	111.1	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	1	130.7	130.7	130.7	130.7	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0026

NPS Station ID: CODA0026
LAT/LON: 47.900004/-118.933337
Agency: NITROGEN
Date Created: / /
Location: NORTH CENTER BANKS LAKE
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): WDG002
RMI-Indexes: 1310001
Within Park Boundary: No
RMI-Miles: 0596.60
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/72-08/17/72	1	18.6	18.6	18.6	18.6	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/17/72-08/17/72	1	6400.	6400.	6400.	6400.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/17/72-08/17/72	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/17/72-08/17/72	1	88.6	88.6	88.6	88.6	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	08/17/72-08/17/72	1	108.9	108.9	108.9	108.9	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: CODA0026

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0027

NPS Station ID: CODA0027
LAT/LON: 47.900559/-118.112781
Agency: 112WRD
Date Created: 09/30/89
Location: OYACHEN CREEK AT MOUTH
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475402118064601
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17010307
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17010307
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0027

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: CODA0028

NPS Station ID: CODA0028
LAT/LON: 47.901115/-118.113060
Agency: 112WRD
Date Created: 09/30/89
Location: BLUE CREEK ABOVE OYACHEN CREEK
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475404118064701
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17010307
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17010307
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0028

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: CODA0029

NPS Station ID: CODA0029
LAT/LON: 47.904448/-118.349727
Agency: 112WRD
Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR FORT SPOKANE RB
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 475416118205900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	5.	5.	5.	5.	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	21.3	21.3	21.3	21.3	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	1072.	1072.	1072.	1072.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	6.	6.	6.	6.	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	111.	111.	111.	111.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	79.	79.	79.	79.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1	244.	244.	244.	244.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1	552.	552.	552.	552.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1	1.14	1.14	1.14	1.14	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1	4.34	4.34	4.34	4.34	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1	2600.	2600.	2600.	2600.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/12/92-10/12/92	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	1	3.26	3.26	3.26	3.26	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	1	1.38	1.38	1.38	1.38	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/12/92-10/12/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/12/92-10/12/92	1	750.	750.	750.	750.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/12/92-10/12/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0030

NPS Station ID: CODA0030
LAT/LON: 47.908337/-118.316670
Agency: 21540000
Date Created: 03/02/91
Location: SPOKANE RIVER AT MOUTH
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 54A050 /6554A050
RMI-Indexes: 1310001 006500
Within Park Boundary: Yes
RMI-Miles: 0638.90 0001.70
HUC: 17010307
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: SPOKANE (LOWER SPOKANE-54)
ECO Region:
RF1 Index: 17010307
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
LOCATED NEAR FORT SPOKANE ON STATE HIGHWAY 25 AT THE BRIDGE CROSSING THE SPOKANE RIVER
EASTERN REGION 7.5 QUAD- FORT SPOKANE
ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 1290

Parameter Inventory for Station: CODA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/05/90-09/10/92	21	11.6	12.557	23.	2.6	48.368	6.955	4.	5.35	19.95	22.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/05/90-09/10/92	21	123.	126.095	186.	78.	895.89	29.931	88.8	101.5	151.5	173.8
00300	OXYGEN, DISSOLVED MG/L	12/05/90-09/10/92	21	11.2	10.5	13.5	7.8	3.022	1.738	7.96	8.7	11.8	12.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	12/05/90-09/10/92	21	100.5	100.767	117.5	81.6	117.927	10.859	82.94	90.95	109.65	114.6
00400	PH (STANDARD UNITS)	12/05/90-09/10/92	21	7.9	7.91	8.6	7.3	0.092	0.303	7.52	7.7	8.05	8.38
00400	CONVERTED PH (STANDARD UNITS)	12/05/90-09/10/92	21	7.9	7.815	8.6	7.3	0.101	0.318	7.52	7.7	8.05	8.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/05/90-09/10/92	21	0.013	0.015	0.05	0.003	0.	0.011	0.004	0.009	0.02	0.03
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/05/90-09/10/92	21	3.	3.19	12.	0.5	7.437	2.727	0.6	2.	3.5	8.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/05/90-09/10/92	20	0.021	0.027	0.084	0.005	0.001	0.023	0.005	0.007	0.041	0.069
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/05/90-09/10/92	21 ##	0.005	0.008	0.023	0.003	0.	0.006	0.005	0.005	0.008	0.02
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/05/90-09/10/92	20	0.235	0.28	0.53	0.05	0.023	0.153	0.083	0.14	0.445	0.479
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/05/90-09/10/92	21	0.016	0.018	0.05	0.005	0.	0.012	0.005	0.012	0.02	0.038
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/05/90-09/10/92	21 ##	0.005	0.01	0.035	0.005	0.	0.009	0.005	0.005	0.016	0.024
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/05/90-09/04/91	9	43.	46.	74.	29.	182.25	13.5	29.	35.	53.	74.
01092	ZINC, TOTAL (UG/L AS ZN)	02/06/91-08/07/91	6	58.5	48.667	84.	11.	762.267	27.609	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	02/06/91-08/07/91	6	58.5	48.667	84.	11.	762.267	27.609	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	02/06/91-08/07/91	5	0.2	0.14	0.2	0.05	0.007	0.082	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	02/06/91-08/07/91	3	2.	2.167	4.	0.5	3.083	1.756	**	**	**	**
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	02/06/91-08/07/91	2 ##	0.35	0.35	0.6	0.1	0.125	0.354	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	02/06/91-08/07/91	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/05/90-09/10/92	20 ##	0.5	1.25	6.	0.5	2.355	1.535	0.5	0.5	1.	4.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/05/90-09/10/92	20 ##	-0.301	-0.077	0.778	-0.301	0.118	0.344	-0.301	-0.301	0.	0.659
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.838								
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	02/06/91-08/07/91	7 ##	0.02	0.043	0.15	0.02	0.002	0.049	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	12/05/90-09/10/92	21	1.4	2.105	7.9	0.5	3.934	1.984	0.5	0.85	2.45	5.34

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

EPA Water Quality Criteria Analysis for Station: CODA0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	21	0	0.00	7	0	0.00	6	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			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	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.	20	0	0.00	6	0	0.00	6	0	0.00	8	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	6	0	0.00				3	0	0.00	3	0	0.00			
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	6	0	0.00				3	0	0.00	3	0	0.00			
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	5	0	0.00				1	0	0.00	4	0	0.00			
		Drinking Water	5.	5	0	0.00				1	0	0.00	4	0	0.00			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	3	0	0.00							3	0	0.00			
		Drinking Water	5.	3	0	0.00							3	0	0.00			
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	2	0	0.00							2	0	0.00			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	4	0	0.00							4	0	0.00			
		Drinking Water	1300.	4	0	0.00							4	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	0	0.00	7	0	0.00	6	0	0.00	7	0	0.00			
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Fresh Acute	2.4	7	0	0.00				3	0	0.00	4	0	0.00			
		Drinking Water	2.	7	0	0.00				3	0	0.00	4	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	21	0	0.00	7	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: CODA0031

NPS Station ID: CODA0031
LAT/LON: 47.908892/-118.718337
Agency: 112WRD
Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR KELLER FERRY RB
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 475432118430600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	3.19	3.19	3.19	3.19	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	14.8	14.8	14.8	14.8	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	940.	940.	940.	940.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	73.5	73.5	73.5	73.5	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	52.	52.	52.	52.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1	195.	195.	195.	195.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1	570.	570.	570.	570.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1	3.67	3.67	3.67	3.67	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/15/92-10/15/92	1	1.26	1.26	1.26	1.26	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/15/92-10/15/92	1	2.77	2.77	2.77	2.77	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/15/92-10/15/92	1	1.61	1.61	1.61	1.61	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/15/92-10/15/92	1	250.	250.	250.	250.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/15/92-10/15/92	1	65.	65.	65.	65.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0032

NPS Station ID: CODA0032 LAT/LON: 47.910281/-118.105837 Agency: 112WRD Date Created: 03/25/89
Location: BLUE CR BTW MIDNITE MINE & OYACHEN CR NR WELLPIN FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12433559
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17010307 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17010307 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/08/88-09/08/88	2	10.7	10.7	11.8	9.6	2.42	1.556	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/08/88-09/08/88	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/88-09/08/88	1	550.	550.	550.	550.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/08/88-09/08/88	1	7.71	7.71	7.71	7.71	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/08/88-09/08/88	1	7.71	7.71	7.71	7.71	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/08/88-09/08/88	1	0.019	0.019	0.019	0.019	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/08/88-09/08/88	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/08/88-09/08/88	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/08/88-09/08/88	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/08/88-09/08/88	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/08/88-09/08/88	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/08/88-09/08/88	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/08/88-09/08/88	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/08/88-09/08/88	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/08/88-09/08/88	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/08/88-09/08/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/08/88-09/08/88	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/08/88-09/08/88	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/08/88-09/08/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/08/88-09/08/88	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/08/88-09/08/88	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/08/88-09/08/88	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/08/88-09/08/88	1	370.	370.	370.	370.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/08/88-09/08/88	1	20.	20.	20.	20.	0.	0.	**	**	**	**
09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	09/08/88-09/08/88	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/08/88-09/08/88	1	150.	150.	150.	150.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/08/88-09/08/88	1	376.	376.	376.	376.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0032

			Total	Exceed	Prop.	8/15-1/31			2/01-4/15			4/16-8/14			n/a		
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									

& - 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: CODA0032

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a 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									
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									
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									
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									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	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: CODA0033

NPS Station ID: CODA0033
Location: SPOKANE RIVER MILE 10.3
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1310001 006500
RMI-Miles: 0643.00 0010.30
HUC: 17010307
Major Basin: PACIFIC NORTHWEST
Minor Basin: SPOKANE RIVER BASIN
RF1 Index: 17010307002
RF3 Index:
Description:

LAT/LON: 47.911115/-118.173615
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.090
RF3 Mile Point: 0.00

Agency: 21540000
FIPS State/County: WASHINGTON/
STORET Station ID(s): 541228 /STA 5
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CODA0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-11/24/70	17	20.	19.159	26.6	8.6	30.075	5.484	8.92	16.05	23.8	26.6
00060	FLOW, STREAM, MEAN DAILY CFS	05/06/70-11/24/70	12	3245.	4847.5	15000.	2170.	21157075.	4599.682	2200.	2585.	3340.	14790.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/06/70-11/24/70	13	3.	3.538	14.	1.	11.603	3.406	1.	2.	3.5	10.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/70-10/27/70	15	114.	131.6	240.	66.	3309.257	57.526	69.6	78.	192.	225.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/70-11/24/70	13	150.	133.615	175.	81.	1002.756	31.666	88.2	101.	160.	171.
00300	OXYGEN, DISSOLVED MG/L	05/06/70-11/24/70	17	9.1	8.753	11.9	5.6	3.358	1.832	5.68	7.2	10.15	11.02
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/23/70-10/27/70	15	109.	98.267	130.	61.	633.067	25.161	61.6	75.	121.	128.2
00400	PH (STANDARD UNITS)	05/06/70-10/27/70	11	7.7	8.	8.8	7.5	0.232	0.482	7.52	7.6	8.5	8.74
00400	CONVERTED PH (STANDARD UNITS)	05/06/70-10/27/70	11	7.7	7.81	8.8	7.5	0.272	0.521	7.52	7.6	8.5	8.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/70-10/27/70	11	0.02	0.015	0.032	0.002	0.	0.012	0.002	0.003	0.025	0.03
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/70-10/27/70	8	0.	0.02	0.08	0.	0.001	0.032	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/70-10/27/70	11	0.19	0.226	0.68	0.01	0.049	0.221	0.012	0.03	0.41	0.628
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/06/70-10/27/70	8	0.1	0.158	0.39	0.	0.021	0.146	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/70-11/24/70	12	0.02	0.021	0.04	0.01	0.	0.012	0.01	0.01	0.03	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/70-11/24/70	12	0.01	0.018	0.05	0.	0.	0.014	0.003	0.01	0.02	0.047
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/21/70-11/24/70	9	0.01	0.014	0.05	0.	0.	0.017	0.	0.	0.025	0.05
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	05/06/70-11/24/70	17	12.	169.529	1200.	0.	136439.765	369.378	0.	2.	80.	1056.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	05/06/70-11/24/70	17	1.079	1.172	3.079	0.	1.015	1.008	0.	0.301	1.889	3.023
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			14.847								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	11	0.01	0.015	0.03	0.	0.	0.008	0.002	0.01	0.02	0.028

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

EPA Water Quality Criteria Analysis for Station: CODA0033

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	13	0	0.00	9	0	0.00				4	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	17	0	0.00	9	0	0.00				8	0	0.00			
00400	PH	Other-Hi Lim.	9.	11	0	0.00	7	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	7	0	0.00				4	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	7	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: CODA0034

NPS Station ID: CODA0034
Location: SPOKANE RIVER MILE 2.0
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1310001 006500
RMI-Miles: 0643.00 0002.00
HUC: 17010307
Major Basin: PACIFIC NORTHWEST
Minor Basin: SPOKANE RIVER BASIN
RF1 Index: 17010307001
RF3 Index:
Description:

LAT/LON: 47.911115/-118.303338
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 1.990
RF3 Mile Point: 0.00

Agency: 21540000
FIPS State/County: WASHINGTON/
STORET Station ID(s): 541226 /STA 3
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CODA0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-11/24/70	17	19.4	19.035	26.6	8.7	30.085	5.485	8.94	15.6	23.3	26.2
00060	FLOW, STREAM, MEAN DAILY CFS	05/06/70-11/24/70	12	3245.	4847.5	15000.	2170.	21157075.	4599.682	2200.	2585.	3340.	14790.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/06/70-11/24/70	13	2.	3.769	17.	1.	20.526	4.531	1.	1.5	4.	13.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/70-10/27/70	15	132.	140.	288.	60.	4359.429	66.026	63.6	78.	192.	244.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/70-11/24/70	13	150.	138.846	165.	78.	794.974	28.195	86.8	115.	160.	163.
00300	OXYGEN, DISSOLVED MG/L	05/06/70-11/24/70	17	8.9	8.935	12.	6.9	1.849	1.36	6.98	7.95	9.45	10.96
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/23/70-10/27/70	15	106.	99.467	122.	74.	319.124	17.864	75.2	79.	112.	120.8
00400	PH (STANDARD UNITS)	05/06/70-10/27/70	11	7.7	7.782	8.4	7.3	0.122	0.349	7.32	7.5	8.1	8.36
00400	CONVERTED PH (STANDARD UNITS)	05/06/70-10/27/70	11	7.7	7.671	8.4	7.3	0.135	0.368	7.32	7.5	8.1	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/70-10/27/70	11	0.02	0.021	0.05	0.004	0.	0.015	0.004	0.008	0.032	0.048
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/70-10/27/70	8	0.	0.021	0.09	0.	0.002	0.039	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/70-10/27/70	10	0.085	0.129	0.33	0.	0.015	0.121	0.003	0.03	0.238	0.326
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/06/70-10/27/70	8	0.225	0.194	0.31	0.04	0.011	0.106	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/70-11/24/70	12	0.02	0.018	0.03	0.01	0.	0.008	0.01	0.01	0.028	0.03
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/70-11/24/70	10	0.015	0.019	0.05	0.01	0.	0.013	0.01	0.01	0.023	0.048
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	9	0.01	0.013	0.03	0.	0.	0.01	0.	0.01	0.02	0.03
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	05/06/70-11/24/70	17	18.	113.647	600.	0.	40619.618	201.543	3.2	6.	76.5	568.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	05/06/70-11/24/70	17	1.255	1.393	2.778	0.	0.655	0.809	0.482	0.772	1.883	2.754
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			24.708								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	11	0.01	0.015	0.03	0.01	0.	0.007	0.01	0.01	0.02	0.028

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

EPA Water Quality Criteria Analysis for Station: CODA0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	13	0	0.00	9	0	0.00				4	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	17	0	0.00	9	0	0.00				8	0	0.00			
00400	PH	Other-Hi Lim.	9.	11	0	0.00	7	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	7	0	0.00				4	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	10	0	0.00	6	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: CODA0035

NPS Station ID: CODA0035 LAT/LON: 47.912504/-118.215281 Agency: 10EPACOP Date Created: 10/22/88
Location: LAKE ROOSEVELT AT SPOKANE RIVER ARM R.M. 638.9 FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /RESERV/TYPA/AMBNT/SOLIDS STORET Station ID(s): 03A042
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17010307 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: SPOKANE RIVER ECO Region:
RF1 Index: 17010307001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
.2 MILE OFF LEFT BANK, AT LIGHT "3", 7.5 MILES UPSTREAM FROM FDR LAKE.

Parameter Inventory for Station: CODA0035

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: CODA0036

NPS Station ID: CODA0036
LAT/LON: 47.916115/-118.100560
Agency: 112WRD
Date Created: 09/30/89
Location: BLUE CREEK AT UPPER GEOLOGIC DIV. SITE
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475458118060201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17010307
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17010307
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/08/88-09/08/88	1	10.7	10.7	10.7	10.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0037

NPS Station ID: CODA0037 LAT/LON: 47.932227/-118.548338 Agency: 112WRD Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR WHITESTONE CREEK MS FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 475556118325400
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0037

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)	10/14/92-10/14/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/14/92-10/14/92	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/14/92-10/14/92	1	66.	66.	66.	66.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/14/92-10/14/92	1	280.	280.	280.	280.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/14/92-10/14/92	1	950.	950.	950.	950.	0.	0.	**	**	**	**
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/14/92-10/14/92	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/14/92-10/14/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/14/92-10/14/92	1	16.2	16.2	16.2	16.2	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/14/92-10/14/92	1	908.	908.	908.	908.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/14/92-10/14/92	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/14/92-10/14/92	1	89.6	89.6	89.6	89.6	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/14/92-10/14/92	1	76.	76.	76.	76.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/14/92-10/14/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/14/92-10/14/92	1	294.	294.	294.	294.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/14/92-10/14/92	1	1020.	1020.	1020.	1020.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/14/92-10/14/92	1	1.42	1.42	1.42	1.42	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/14/92-10/14/92	1	4.28	4.28	4.28	4.28	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/14/92-10/14/92	1	1700.	1700.	1700.	1700.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/14/92-10/14/92	1	1.64	1.64	1.64	1.64	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/14/92-10/14/92	1	2.02	2.02	2.02	2.02	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/14/92-10/14/92	1	1.03	1.03	1.03	1.03	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/14/92-10/14/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/14/92-10/14/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/14/92-10/14/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/14/92-10/14/92	1	250.	250.	250.	250.	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/14/92-10/14/92	1	51.	51.	51.	51.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/14/92-10/14/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/14/92-10/14/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/14/92-10/14/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/14/92-10/14/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/14/92-10/14/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/14/92-10/14/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/14/92-10/14/92	1	84.	84.	84.	84.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/14/92-10/14/92	1	91.	91.	91.	91.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/14/92-10/14/92	1	68.	68.	68.	68.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/14/92-10/14/92	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

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

Station Inventory for Station: CODA0038

NPS Station ID: CODA0038
LAT/LON: 47.933337/-118.933337
Agency: NITROGEN
Date Created: / /
Location: NORTH END BANKS LAKE
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): WDG001
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0596.60
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001003
RF1 Mile Point: 3.590
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: CODA0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/72-08/17/72	1	18.2	18.2	18.2	18.2	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/17/72-08/17/72	1	6400.	6400.	6400.	6400.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/17/72-08/17/72	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/17/72-08/17/72	1	100.1	100.1	100.1	100.1	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	08/17/72-08/17/72	1	105.8	105.8	105.8	105.8	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: CODA0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0039

NPS Station ID: CODA0039 LAT/LON: 47.933337/-118.988893 Agency: 10EPASPI Date Created: 07/11/81
Location: CITY OF GRAND COULEE - DOMESTIC SUPPLY -EAST END FIPS State/County: 53043 WASHINGTON/LINCOLN
Station Type: /TYPA/AMBNT/STREAM/SUPPLY STORET Station ID(s): 05A009
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17020001 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	04/26/80-04/26/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/26/80-04/26/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/26/80-04/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/26/80-04/26/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/26/80-04/26/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/26/80-04/26/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/26/80-04/26/80	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/26/80-04/26/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/26/80-04/26/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	04/26/80-04/26/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/26/80-04/26/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/26/80-04/26/80	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/26/80-04/26/80	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	04/26/80-04/26/80	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/26/80-04/26/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/26/80-04/26/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0039

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a 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			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	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			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	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

EPA Water Quality Criteria Analysis for Station: CODA0039

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	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	1	1.00							1	1	1.00			
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	10.	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: CODA0040

NPS Station ID: CODA0040 | LAT/LON: 47.933337/-119.000005 | Agency: 10EPASPI | Date Created: 07/11/81
Location: CITY OF COULEE DAM - DOMESTIC SUPPLY - WEST END | FIPS State/County: 53043 WASHINGTON/LINCOLN
Station Type: /TYPA/AMBNT/STREAM/SUPPLY | STORET Station ID(s): 05A008
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17020001 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER | ECO Region:
RF1 Index: 17020001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: CODA0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	04/26/80-04/26/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/26/80-04/26/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/26/80-04/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/26/80-04/26/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/26/80-04/26/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/26/80-04/26/80	1	73.	73.	73.	73.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/26/80-04/26/80	1	180.	180.	180.	180.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/26/80-04/26/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/26/80-04/26/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	04/26/80-04/26/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/26/80-04/26/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/26/80-04/26/80	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/26/80-04/26/80	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	04/26/80-04/26/80	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/26/80-04/26/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/26/80-04/26/80	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: CODA0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a 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			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	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			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	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

EPA Water Quality Criteria Analysis for Station: CODA0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	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	1	1.00							1	1	1.00			
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	10.	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: CODA0041

NPS Station ID: CODA0041
LAT/LON: 47.935559/-118.953893
Agency: 1119USBR
Date Created: 06/30/78
Location: FDR LAKE BELOW WATER PLANTINLET
FIPS State/County: 53025 WASHINGTON/GRANT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): FDR001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLUMBIA
ECO Region:
RF1 Index: 17020001029
RF1 Mile Point: 1.160
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
MONITORING SITE FOR CRESCENT BAY-LAKE REHABILITATION

Parameter Inventory for Station: CODA0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/78-08/15/83	56	20.3	19.748	24.1	6.5	13.34	3.652	15.35	18.5	22.5	23.35
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	06/15/78-08/15/83	61	30.	22.572	50.	1.	319.62	17.878	3.2	3.3	30.	50.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/15/78-08/21/80	56 ##	0.5	0.732	2.	0.5	0.118	0.343	0.5	0.5	1.	1.
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/15/78-08/21/80	23	6.	5.839	11.	1.8	2.832	1.683	3.2	6.	6.	7.2
00300	OXYGEN, DISSOLVED MG/L	06/19/80-07/25/80	21	10.5	10.319	11.7	9.1	0.7	0.836	9.22	9.6	11.05	11.62
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/11/78-08/11/78	1	95.8	95.8	95.8	95.8	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	06/15/78-08/15/83	61	6.	6.385	14.	0.5	7.837	2.799	4.	4.5	8.	10.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/79-08/21/80	32	2.5	2.422	5.	0.5	1.389	1.178	0.65	2.	3.	4.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/15/78-08/15/83	61	0.02	0.018	0.05	0.005	0.	0.011	0.006	0.01	0.03	0.03
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/15/78-08/21/80	58 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/15/78-08/21/80	58	0.03	0.032	0.11	0.01	0.001	0.023	0.01	0.02	0.033	0.062
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/15/83-08/15/83	3	0.12	0.16	0.25	0.11	0.006	0.078	**	**	**	**
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	06/15/78-08/21/80	57	0.15	0.176	0.65	0.05	0.011	0.106	0.086	0.11	0.225	0.262
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/15/83-08/15/83	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/78-08/15/83	61	0.021	0.025	0.13	0.007	0.	0.018	0.011	0.014	0.032	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/15/78-08/15/83	61	0.012	0.015	0.12	0.001	0.	0.016	0.004	0.007	0.02	0.026
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/15/78-08/21/80	56	4.1	4.163	8.	2.5	0.819	0.905	3.24	3.5	4.675	5.16
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	24 ##	0.5	0.521	1.	0.5	0.01	0.102	0.5	0.5	0.5	0.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	24 ##	-0.301	-0.288	0.	-0.301	0.004	0.061	-0.301	-0.301	-0.301	-0.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.515								
71875	HYDROGEN SULFIDE (MG/L)	06/19/80-08/06/80	24	0.	0.017	0.4	0.	0.007	0.082	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: CODA0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	56	0	0.00	13	0	0.00				43	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	21	0	0.00							21	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	58	0	0.00	15	0	0.00				43	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	58	0	0.00	15	0	0.00				43	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 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

EPA Water Quality Criteria Analysis for Station: CODA0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	24	0	0.00							24	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: CODA0042

NPS Station ID: CODA0042 | LAT/LON: 47.936115/-118.353892 | Agency: 21540000 | Date Created: / /
Location: COLUMBIA R 2 MI AB SPOKANE R | FIPS State/County: WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 541224 /STA 1
RMI-Indexes: 1310001 | Within Park Boundary: Yes
RMI-Miles: 0645.00
HUC: 17020001 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMARIVER | ECO Region:
RF1 Index: 17020001144 | RF1 Mile Point: 3.010 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: CODA0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-11/24/70	17	18.3	17.841	24.4	8.6	20.551	4.533	9.32	15.5	21.65	23.52
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/06/70-11/24/70	12	1.	2.083	8.	1.	4.265	2.065	1.	1.	2.	6.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/70-10/27/70	15	192.	191.6	384.	84.	7850.4	88.602	91.2	102.	252.	340.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/70-11/24/70	13	144.	147.538	166.	140.	70.269	8.383	140.4	141.5	153.5	163.6
00300	OXYGEN, DISSOLVED MG/L	05/06/70-11/24/70	17	9.6	9.576	12.	7.7	1.307	1.143	8.02	8.75	9.95	11.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/23/70-10/27/70	15	103.	104.4	128.	82.	199.4	14.121	83.8	93.	116.	123.2
00400	PH (STANDARD UNITS)	05/06/70-10/27/70	11	7.8	7.918	8.4	7.7	0.068	0.26	7.7	7.7	8.2	8.38
00400	CONVERTED PH (STANDARD UNITS)	05/06/70-10/27/70	11	7.8	7.86	8.4	7.7	0.071	0.267	7.7	7.7	8.2	8.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/70-10/27/70	11	0.016	0.014	0.02	0.004	0.	0.006	0.004	0.006	0.02	0.02
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/70-10/27/70	8	0.	0.018	0.07	0.	0.001	0.032	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/70-10/27/70	11	0.06	0.056	0.17	0.	0.002	0.048	0.	0.02	0.07	0.154
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/06/70-10/27/70	8	0.125	0.11	0.2	0.01	0.004	0.067	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/70-11/24/70	12	0.02	0.021	0.03	0.01	0.	0.008	0.01	0.013	0.03	0.03
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/70-11/24/70	12	0.02	0.028	0.14	0.01	0.001	0.037	0.01	0.01	0.02	0.113
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/21/70-11/24/70	10	0.01	0.025	0.14	0.	0.002	0.042	0.	0.008	0.025	0.13
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	05/06/70-11/24/70	17	34.	53.647	180.	0.	2765.743	52.59	0.	9.	84.	148.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	05/06/70-11/24/70	17	1.531	1.393	2.255	0.	0.491	0.701	0.	0.929	1.924	2.168
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			24.743								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	11	0.01	0.015	0.02	0.01	0.	0.005	0.01	0.01	0.02	0.02

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

EPA Water Quality Criteria Analysis for Station: CODA0042

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	8	0	0.00				4	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	17	0	0.00	9	0	0.00				8	0	0.00			
00400	PH	Other-Hi Lim.	9.	11	0	0.00	7	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	7	0	0.00				4	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	7	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: CODA0043

NPS Station ID: CODA0043
LAT/LON: 47.938337/-118.368338
Agency: 112WRD
Date Created: / /
Location: THREEMILE CREEK NEAR MILES, WASH.
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12410880
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020001026
RF1 Mile Point: 2.740
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: CODA0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-02/13/73	10	5.2	8.34	19.6	0.	49.88	7.063	0.2	2.825	15.375	19.29
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/13/72-02/13/73	11	2.	5.841	32.	0.02	89.476	9.459	0.022	0.2	8.	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/72-02/13/73	9	19.	55.889	350.	2.	12353.861	111.148	2.	8.5	38.5	350.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	10	73.	80.4	132.	47.	841.378	29.007	47.7	61.5	100.5	131.7
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-06/17/72	2	27.	27.	34.	20.	98.	9.899	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-06/17/72	2	33.	33.	42.	24.	162.	12.728	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-06/17/72	2	0.395	0.395	0.58	0.21	0.068	0.262	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-06/17/72	2	0.09	0.09	0.11	0.07	0.001	0.028	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/24/72-06/17/72	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/24/72-06/17/72	2	0.155	0.155	0.23	0.08	0.011	0.106	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-06/17/72	2	0.485	0.485	0.69	0.28	0.084	0.29	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-06/17/72	2	0.08	0.08	0.09	0.07	0.	0.014	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-06/17/72	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-06/17/72	2	19.5	19.5	25.	14.	60.5	7.778	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-06/17/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-06/17/72	2	5.5	5.5	7.	4.	4.5	2.121	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-06/17/72	2	1.4	1.4	1.8	1.	0.32	0.566	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-06/17/72	2	4.8	4.8	5.5	4.1	0.98	0.99	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/24/72-06/17/72	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/24/72-06/17/72	2	34.	34.	37.	31.	18.	4.243	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-06/17/72	2	1.25	1.25	1.4	1.1	0.045	0.212	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-06/17/72	2	0.85	0.85	1.	0.7	0.045	0.212	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-06/17/72	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-06/17/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-06/17/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-06/17/72	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-06/17/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/13/72-04/13/72	1	24.	24.	24.	24.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/13/72-04/13/72	1	1.38	1.38	1.38	1.38	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			24.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-06/17/72	1	50.	50.	50.	50.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-06/17/72	1	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			50.								
71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-06/17/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/72-02/13/73	9	15.	142.667	768.	2.	65546.75	256.021	2.	2.	234.5	768.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/72-02/13/73	9	0.06	3.224	25.	0.	68.056	8.25	0.	0.005	1.91	25.

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

EPA Water Quality Criteria Analysis for Station: CODA0043

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	9	1	0.11	3	1	0.33	3	0	0.00	3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED 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			
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			
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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	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			
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: CODA0044

NPS Station ID: CODA0044 LAT/LON: 47.938615/-118.242781 Agency: 112WRD Date Created: 01/09/93
Location: SPOKANE RIVER BELOW ORAZADA CREEK LB FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 475619118143400
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0044

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)	10/13/92-10/13/92	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/13/92-10/13/92	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/13/92-10/13/92	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/13/92-10/13/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/13/92-10/13/92	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	19.2	19.2	19.2	19.2	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	783.	783.	783.	783.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	6.	6.	6.	6.	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	50.9	50.9	50.9	50.9	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	42.2	42.2	42.2	42.2	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	118.	118.	118.	118.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	1165.	1165.	1165.	1165.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	3.78	3.78	3.78	3.78	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/13/92-10/13/92	1	1.42	1.42	1.42	1.42	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1	1.05	1.05	1.05	1.05	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/13/92-10/13/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/13/92-10/13/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/13/92-10/13/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/13/92-10/13/92	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	1	53.	53.	53.	53.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0045

NPS Station ID: CODA0045
Location: SPOKANE RIVER MILE 5.7
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes: 1310001 006500
RMI-Miles: 0643.00 0005.70
HUC: 17010307
Major Basin: PACIFIC NORTHWEST
Minor Basin: SPOKANE RIVER BASIN
RF1 Index: 17010307001
RF3 Index:
Description:

LAT/LON: 47.940281/-118.255559
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 5.350
RF3 Mile Point: 0.00

Agency: 21540000
FIPS State/County: WASHINGTON/
STORET Station ID(s): 541227 /STA 4
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: CODA0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/06/70-11/24/70	17	20.	19.088	27.8	8.5	31.515	5.614	8.66	15.7	23.4	26.84
00060	FLOW, STREAM, MEAN DAILY CFS	05/06/70-11/24/70	12	3245.	4847.5	15000.	2170.	21157075.	4599.682	2200.	2585.	3340.	14790.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/06/70-11/24/70	12	2.	3.083	12.	1.	9.538	3.088	1.	1.	3.75	9.9
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/70-10/27/70	15	114.	138.933	228.	66.	3217.067	56.719	66.	96.	192.	225.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/06/70-11/24/70	12	144.5	138.083	178.	72.	970.447	31.152	83.4	114.	165.75	175.6
00300	OXYGEN, DISSOLVED MG/L	05/06/70-11/24/70	17	8.9	8.571	12.2	5.	3.843	1.96	5.56	7.05	9.3	12.12
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/23/70-10/27/70	15	104.	95.933	143.	55.	654.21	25.578	59.2	72.	114.	128.
00400	PH (STANDARD UNITS)	05/06/70-10/27/70	10	7.9	7.9	8.5	7.4	0.16	0.4	7.41	7.5	8.225	8.48
00400	CONVERTED PH (STANDARD UNITS)	05/06/70-10/27/70	10	7.855	7.752	8.5	7.4	0.184	0.429	7.41	7.5	8.225	8.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/06/70-10/27/70	10	0.014	0.018	0.04	0.003	0.	0.014	0.003	0.006	0.032	0.039
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/06/70-10/27/70	8	0.	0.016	0.07	0.	0.001	0.026	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/06/70-10/27/70	10	0.235	0.253	0.56	0.02	0.05	0.223	0.02	0.035	0.473	0.555
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/06/70-10/27/70	8	0.105	0.113	0.22	0.	0.008	0.088	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/06/70-11/24/70	12	0.02	0.019	0.04	0.01	0.	0.009	0.01	0.01	0.02	0.037
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/06/70-11/24/70	11	0.01	0.017	0.04	0.01	0.	0.01	0.01	0.01	0.02	0.038
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/21/70-11/24/70	9	0.01	0.012	0.03	0.01	0.	0.007	0.01	0.01	0.01	0.03
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	05/06/70-11/24/70	17	22.	162.176	1000.	0.	84033.279	289.885	0.	3.5	230.	792.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	05/06/70-11/24/70	17	1.342	1.41	3.	0.	0.939	0.969	0.	0.54	2.358	2.895
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			25.685								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/22/70-11/24/70	11	0.01	0.013	0.02	0.01	0.	0.005	0.01	0.01	0.02	0.02

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

EPA Water Quality Criteria Analysis for Station: CODA0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	9	0	0.00				3	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	17	0	0.00	9	0	0.00				8	0	0.00			
00400	PH	Other-Hi Lim.	9.	10	0	0.00	7	0	0.00				3	0	0.00			
		Other-Lo Lim.	6.5	10	0	0.00	7	0	0.00				3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	10	0	0.00	6	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: CODA0046

NPS Station ID: CODA0046 | LAT/LON: 47.940560/-119.058893 | Agency: 11EPALES | Date Created: / /
Location: BANKS LAKE | FIPS State/County: 53025 WASHINGTON/GRANT
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 530205
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17020014 | Depth of Water: 65 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 17020014006 | RF1 Mile Point: 42.390 | 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:
N END OF LAKE; 030 DEGREES FR WINDSOCK OF SM AIRPORT; 300 DEGREES FR SM BALL W OF ELECTRIC CITY; MID-LAKE.
COMMENTS: 4-3 ULE 16; TEMP INOP; INTEG 20 FT. 7-22 ULE 14; 1% LIGHT, 35 FT; INTEG 35 FT; DEPTH 65 FT.
9-10 ULE 15; 1% LIGHT, 24 FT; INTEG 24 FT; DEPTH 70 FT.

Parameter Inventory for Station: CODA0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/75-09/10/75	11	19.4	17.991	20.4	14.1	6.469	2.543	14.26	15.3	20.2	20.38
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	04/03/75-07/22/75	10	91.5	90.94	92.	89.	1.725	1.313	89.	89.3	92.	92.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/03/75-09/10/75	3	156.	156.	204.	108.	2304.	48.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/03/75-09/10/75	16	109.	108.938	133.	85.	306.596	17.51	85.	87.	125.75	128.8
00300	OXYGEN, DISSOLVED MG/L	04/03/75-09/10/75	16	9.2	9.7	12.1	6.4	3.156	1.777	7.66	8.6	12.	12.1
00400	PH (STANDARD UNITS)	04/03/75-09/10/75	16	8.125	8.069	8.3	7.6	0.036	0.189	7.74	7.925	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	04/03/75-09/10/75	16	8.124	8.025	8.3	7.6	0.038	0.194	7.74	7.925	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/03/75-09/10/75	16	0.008	0.009	0.025	0.005	0.	0.005	0.005	0.006	0.012	0.019
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/03/75-09/10/75	16	60.	60.625	70.	51.	29.583	5.439	52.4	57.	65.75	67.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/03/75-09/10/75	16	0.02	0.021	0.04	0.01	0.	0.01	0.01	0.01	0.03	0.033
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/03/75-09/10/75	16 ##	0.1	0.169	0.4	0.1	0.012	0.108	0.1	0.1	0.3	0.33
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/03/75-09/10/75	16 ##	0.01	0.011	0.03	0.01	0.	0.005	0.01	0.01	0.01	0.016
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/03/75-09/10/75	16	0.02	0.021	0.033	0.013	0.	0.005	0.015	0.017	0.022	0.032
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/03/75-09/10/75	11	0.006	0.008	0.017	0.002	0.	0.004	0.002	0.005	0.01	0.016
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	04/03/75-09/10/75	3	5.8	6.967	12.9	2.2	29.643	5.445	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	04/03/75-09/10/75	3	65.	66.667	70.	65.	8.333	2.887	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	16	0	0.00	6	0	0.00	5	0	0.00	5	0	0.00			
00400	PH	Other-Hi Lim.	9.	16	0	0.00	6	0	0.00	5	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	16	0	0.00	6	0	0.00	5	0	0.00	5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	16	0	0.00	6	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: CODA0047

NPS Station ID: CODA0047 LAT/LON: 47.941670/-119.002781 Agency: 11FWS Date Created: 09/23/77
Location: COLUMBIA RIVER AT GRAND COULEE FIPS State/County: 53043 WASHINGTON/LINCOLN
Station Type: /TYPA/AMBNT/FISH/STREAM/TISSUE STORET Station ID(s): 098
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17020001 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020001055 RF1 Mile Point: 0.790 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:
WHOLE BODY FISH COMPOSITE SAM. RESIDUE DATA. FWS NMP TRENDSTA

Parameter Inventory for Station: CODA0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00023	SAMPLE WEIGHT IN POUNDS	10/01/70-10/01/84	34	1.1	1.153	2.1	0.3	0.21	0.458	0.6	0.9	1.45	1.9
00024	SAMPLE LENGTH IN INCHES	10/01/70-10/01/84	34	14.2	14.171	17.5	7.9	4.619	2.149	11.5	13.075	15.5	17.05
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/01/76-10/01/86	14	0.14	0.16	0.33	0.03	0.009	0.095	0.04	0.085	0.243	0.315
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	10/01/78-10/01/86	12	0.22	0.234	0.34	0.19	0.002	0.042	0.193	0.203	0.25	0.322
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/01/86-10/01/86	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34684	DIELDRIN TISMG/KG	10/01/70-10/01/86	37	0.01	0.01	0.02	0.01	0.	0.002	0.01	0.01	0.01	0.01
34685	ENDRIN WET WGTTISMG/KG	10/01/70-10/01/86	37	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	10/01/86-10/01/86	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	10/01/70-10/01/86	37	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/01/76-10/01/86	15	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
34691	TOXAPHENE WET WGTTISMG/KG	10/01/71-10/01/86	33	0.1	0.104	0.24	0.1	0.001	0.024	0.1	0.1	0.1	0.1
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/01/76-10/01/86	15	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/01/76-10/01/86	15	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	10/01/76-10/01/86	15	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/01/76-10/01/86	15	0.01	0.011	0.02	0.01	0.	0.003	0.01	0.01	0.01	0.014
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/01/70-10/01/86	19	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39105	PERCENT FAT HEXANE EXTRACTION	10/01/70-10/01/86	37	5.1	5.549	13.4	1.3	7.709	2.776	1.96	3.7	6.95	10.2
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/01/70-10/01/86	37	0.01	0.03	0.09	0.01	0.001	0.026	0.01	0.01	0.045	0.07
39781	LINDANE AQUATIC ORGANISMS WT WGT BASIS(UG/G)	10/01/86-10/01/86	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/01/76-10/01/84	12	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	10/01/78-10/01/86	12	75.	74.917	78.	71.	5.902	2.429	71.	73.25	77.	78.
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	10/01/76-10/01/86	14	0.07	0.075	0.2	0.02	0.002	0.047	0.025	0.038	0.1	0.15
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/76-10/01/86	14	0.2	0.541	2.57	0.03	0.496	0.704	0.03	0.1	1.003	1.85
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/78-10/01/86	12	0.835	0.847	2.19	0.3	0.28	0.53	0.312	0.348	1.09	1.878
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/78-10/01/86	12	21.69	26.221	60.13	12.7	225.082	15.003	12.901	14.435	28.665	57.397
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/01/76-10/01/86	14	0.065	0.147	0.41	0.03	0.017	0.13	0.03	0.05	0.273	0.37
79178	PCB-1242 TISDRYWTMG/KG	10/01/73-10/01/78	14	0.1	0.164	1.	0.1	0.058	0.241	0.1	0.1	0.1	0.55
79179	PCB-1254 TISDRYWTMG/KG	10/01/70-10/01/86	37	0.1	0.586	4.6	0.04	0.936	0.968	0.1	0.1	0.7	1.392
79182	PCB-1248 TISDRYWTMG/KG	10/01/76-10/01/86	15	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
79183	PCB-1260 TISDRYWTMG/KG	10/01/73-10/01/86	23	0.1	0.373	4.8	0.1	0.944	0.972	0.1	0.1	0.28	0.466
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	10/01/86-10/01/86	3	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	10/01/80-10/01/86	9	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	10/01/80-10/01/86	9	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	10/01/70-10/01/86	37	0.05	0.092	1.19	0.01	0.037	0.192	0.01	0.02	0.1	0.142
81944	DDT(INCLUDES DDE & DDD) IN TISSUE WET WEIGHT MG/KG	10/01/86-10/01/86	3	0.02	0.073	0.19	0.01	0.01	0.101	**	**	**	**
81987	TOTAL SEDIMENT PARTICLE SIZE %COARSER THAN 9.00PHI	10/01/70-10/01/86	37	0.01	0.038	0.45	0.01	0.005	0.074	0.01	0.01	0.045	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

Parameter Inventory for Station: CODA0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/78-10/01/86	12	0.01	0.013	0.05	0.01	0.	0.012	0.01	0.01	0.01	0.038
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/78-10/01/86	12	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01

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

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

Seasonal Analysis for Season #1: 8/15 to 1/31 - Station CODA0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00023	SAMPLE WEIGHT IN POUNDS	10/01/70-10/01/84	34	1.1	1.153	2.1	0.3	0.21	0.458	0.6	0.9	1.45	1.9
00024	SAMPLE LENGTH IN INCHES	10/01/70-10/01/84	34	14.2	14.171	17.5	7.9	4.619	2.149	11.5	13.075	15.5	17.05
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/01/76-10/01/86	14	0.14	0.16	0.33	0.03	0.009	0.095	0.04	0.085	0.243	0.315
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	10/01/78-10/01/86	12	0.22	0.234	0.34	0.19	0.002	0.042	0.193	0.203	0.25	0.322
34684	DIELDRIN TISMG/KG	10/01/70-10/01/86	37	0.01	0.01	0.02	0.01	0.	0.002	0.01	0.01	0.01	0.01
34685	ENDRIN WET WGTTISMG/KG	10/01/70-10/01/86	37	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
34687	HEPTACHLOR WET WGTTISMG/KG	10/01/70-10/01/86	37	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/01/76-10/01/86	15	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
34691	TOXAPHENE WET WGTTISMG/KG	10/01/71-10/01/86	33	0.1	0.104	0.24	0.1	0.001	0.024	0.1	0.1	0.1	0.1
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/01/76-10/01/86	15	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/01/76-10/01/86	15	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	10/01/76-10/01/86	15	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/01/76-10/01/86	15	0.01	0.011	0.02	0.01	0.	0.003	0.01	0.01	0.01	0.014
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/01/70-10/01/86	19	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39105	PERCENT FAT HEXANE EXTRACTION	10/01/70-10/01/86	37	5.1	5.549	13.4	1.3	7.709	2.776	1.96	3.7	6.95	10.2
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/01/70-10/01/86	37	0.01	0.03	0.09	0.01	0.001	0.026	0.01	0.01	0.045	0.07
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/01/76-10/01/84	12	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	10/01/78-10/01/86	12	75.	74.917	78.	71.	5.902	2.429	71.	73.25	77.	78.
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	10/01/76-10/01/86	14	0.07	0.075	0.2	0.02	0.002	0.047	0.025	0.038	0.1	0.15
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/76-10/01/86	14	0.2	0.541	2.57	0.03	0.496	0.704	0.03	0.1	1.003	1.85
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/78-10/01/86	12	0.835	0.847	2.19	0.3	0.28	0.53	0.312	0.348	1.09	1.878
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/78-10/01/86	12	21.69	26.221	60.13	12.7	225.082	15.003	12.901	14.435	28.665	57.397
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/01/76-10/01/86	14	0.065	0.147	0.41	0.03	0.017	0.13	0.03	0.05	0.273	0.37
79179	PCB-1254 TISDRYWTMG/KG	10/01/70-10/01/86	37	0.1	0.586	4.6	0.04	0.936	0.968	0.1	0.1	0.7	1.392
79182	PCB-1248 TISDRYWTMG/KG	10/01/76-10/01/86	15	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
79183	PCB-1260 TISDRYWTMG/KG	10/01/73-10/01/86	23	0.1	0.373	4.8	0.1	0.944	0.972	0.1	0.1	0.28	0.466
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	10/01/70-10/01/86	37	0.05	0.092	1.19	0.01	0.037	0.192	0.01	0.02	0.1	0.142
81987	TOTAL SEDIMENT PARTICLE SIZE %COARSER THAN 9.00PHI	10/01/70-10/01/86	37	0.01	0.038	0.45	0.01	0.005	0.074	0.01	0.01	0.045	0.08
82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/78-10/01/86	12	0.01	0.013	0.05	0.01	0.	0.012	0.01	0.01	0.01	0.038
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/78-10/01/86	12	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01

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

Station Inventory for Station: CODA0048

NPS Station ID: CODA0048 LAT/LON: 47.943059/-118.227503 Agency: 112WRD Date Created: 01/09/93
Location: SPOKANE RIVER BELOW ORAZADA CREEK MS FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 475635118133900
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	3.64	3.64	3.64	3.64	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	29.5	29.5	29.5	29.5	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	849.	849.	849.	849.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	66.3	66.3	66.3	66.3	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	49.	49.	49.	49.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	147.	147.	147.	147.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	1790.	1790.	1790.	1790.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	5.09	5.09	5.09	5.09	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/13/92-10/13/92	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1	0.76	0.76	0.76	0.76	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/13/92-10/13/92	1	64.	64.	64.	64.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/13/92-10/13/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/13/92-10/13/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/13/92-10/13/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/13/92-10/13/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/13/92-10/13/92	1	92.	92.	92.	92.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/13/92-10/13/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/13/92-10/13/92	1	78.	78.	78.	78.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/13/92-10/13/92	1	42.	42.	42.	42.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0049

NPS Station ID: CODA0049 LAT/LON: 47.943059/-118.841670 Agency: 10EPACOP Date Created: 10/22/88
Location: LAKE ROOSEVELT AT SWAWILLA BASIN R.M. 604.9 FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /RESERV/TYPA/AMBNT/SOLIDS STORET Station ID(s): 05A027
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17020001 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020001029 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
.3 MILE OFF LEFT BANK, BETWEEN PLUM POINT AND CAYUSE BAY.

Parameter Inventory for Station: CODA0049

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: CODA0050

NPS Station ID: CODA0050 LAT/LON: 47.944448/-118.243615 Agency: 112WRD Date Created: 01/09/93
Location: SPOKANE RIVER BELOW ORAZADA CREEK RB FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 475640118143700
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	8.	8.	8.	8.	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	2.93	2.93	2.93	2.93	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	15.4	15.4	15.4	15.4	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	761.	761.	761.	761.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	50.6	50.6	50.6	50.6	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	40.	40.	40.	40.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	80.	80.	80.	80.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	979.	979.	979.	979.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/13/92-10/13/92	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/13/92-10/13/92	1	1.33	1.33	1.33	1.33	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1	1.37	1.37	1.37	1.37	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/13/92-10/13/92	1	250.	250.	250.	250.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/13/92-10/13/92	1	61.	61.	61.	61.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0051

NPS Station ID: CODA0051
LAT/LON: 47.944448/-118.983337
Agency: 1119USBR
Date Created: 08/30/78
Location: FDR LK, GRAND COULEE CITY INTAKE
FIPS State/County: 53025 WASHINGTON/GRANT
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): FDR003
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLUMBIA
ECO Region:
RF1 Index: 17020001003
RF1 Mile Point: 0.490
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:
MONITORING SITE FOR CRESCENT BAY-LAKE REHABILITATION

Parameter Inventory for Station: CODA0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/78-08/15/83	37	20.5	19.995	24.	9.2	12.484	3.533	15.8	18.8	22.85	23.9
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	08/11/78-12/17/86	55	30.	19.925	50.	1.	264.15	16.253	2.2	3.2	30.	38.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/11/78-08/21/80	37 ##	0.5	0.824	2.	0.5	0.225	0.475	0.5	0.5	1.	2.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/11/78-08/21/80	9	6.	6.778	11.	6.	2.944	1.716	6.	6.	7.	11.
00300	OXYGEN, DISSOLVED MG/L	06/19/80-07/25/80	14	10.2	10.2	11.7	9.1	0.618	0.786	9.15	9.575	10.825	11.45
00335	COD, .025N K2CR2O7 MG/L	08/11/78-08/15/83	40	6.	6.475	14.	1.	7.846	2.801	4.	4.25	8.	10.9
00403	PH, LAB, STANDARD UNITS SU	06/12/86-12/17/86	15	7.4	7.38	7.8	7.2	0.035	0.186	7.2	7.2	7.5	7.74
00403	CONVERTED PH, LAB, STANDARD UNITS	06/12/86-12/17/86	15	7.4	7.347	7.8	7.2	0.036	0.189	7.2	7.2	7.5	7.74
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/86-12/17/86	15	0.04	0.045	0.063	0.016	0.	0.016	0.018	0.032	0.063	0.063
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/79-08/21/80	22	2.	2.409	5.	0.5	2.134	1.461	0.65	1.	4.	4.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/78-12/17/86	55	0.01	0.014	0.05	0.	0.	0.011	0.005	0.005	0.02	0.03
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/11/78-08/21/80	38 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/11/78-08/21/80	36	0.03	0.033	0.11	0.01	0.001	0.025	0.01	0.02	0.04	0.073
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/15/83-12/17/86	17	0.14	0.135	0.26	0.05	0.005	0.073	0.05	0.06	0.215	0.228
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	08/11/78-08/21/80	38	0.14	0.146	0.27	0.05	0.002	0.047	0.089	0.12	0.17	0.22
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/15/83-12/17/86	17 ##	0.05	0.055	0.2	0.01	0.002	0.039	0.018	0.05	0.05	0.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/11/78-12/17/86	55	0.02	0.025	0.074	0.006	0.	0.016	0.008	0.013	0.032	0.047
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/11/78-12/17/86	55	0.009	0.012	0.039	0.001	0.	0.01	0.001	0.003	0.017	0.025
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/11/78-08/21/80	37	3.4	3.562	5.	2.6	0.427	0.654	2.86	3.	4.05	4.62
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	16 ##	0.5	0.531	1.	0.5	0.016	0.125	0.5	0.5	0.5	0.65
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	16 ##	-0.301	-0.282	0.	-0.301	0.006	0.075	-0.301	-0.301	-0.301	-0.211
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.522								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/22/80-07/22/80	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/22/80-07/22/80	1 ##	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.								
71875	HYDROGEN SULFIDE (MG/L)	06/19/80-08/06/80	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

EPA Water Quality Criteria Analysis for Station: CODA0051

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	37	0	0.00	12	0	0.00				25	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	14	0	0.00							14	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	15	0	0.00	9	0	0.00				6	0	0.00			
		Other-Lo Lim.	6.5	15	0	0.00	9	0	0.00				6	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	38	0	0.00	13	0	0.00				25	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	36	0	0.00	11	0	0.00				25	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	17	0	0.00	11	0	0.00				6	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	16	0	0.00							16	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: 8/15 to 1/31 - Station CODA0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	08/11/78-12/17/86	24	30.	21.046	50.	1.	297.507	17.248	1.	3.05	30.	50.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/78-12/17/86	24 ##	0.005	0.01	0.04	0.	0.	0.011	0.	0.005	0.018	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/11/78-12/17/86	24	0.017	0.023	0.067	0.009	0.	0.014	0.009	0.013	0.027	0.042
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/11/78-12/17/86	24	0.009	0.01	0.025	0.001	0.	0.008	0.001	0.003	0.014	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: 4/16 to 8/14 - Station CODA0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	08/11/78-12/17/86	31	30.	19.058	50.	1.	245.599	15.672	3.2	3.2	30.	30.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/78-12/17/86	31	0.01	0.017	0.05	0.005	0.	0.011	0.01	0.01	0.02	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/11/78-12/17/86	31	0.023	0.026	0.074	0.006	0.	0.018	0.007	0.009	0.032	0.051
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/11/78-12/17/86	31	0.01	0.012	0.039	0.001	0.	0.011	0.001	0.003	0.018	0.031

** - Less than 9 observations ## - Computed 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: CODA0052

NPS Station ID: CODA0052
LAT/LON: 47.945559/-118.963892
Agency: 1119USBR
Date Created: 08/25/78
Location: FDR LAKE LOG BOOM SITE
FIPS State/County: 03025 WASHINGTON/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): FDR002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLUMBIA
ECO Region:
RF1 Index: 17020001029
RF1 Mile Point: 0.530
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
MONITORING SITE FOR CRESCENT BAY-LAKE REHABILITATION

Parameter Inventory for Station: CODA0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/78-08/15/83	84	19.9	19.438	24.	6.	12.709	3.565	15.95	17.475	22.	23.15
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	06/15/78-12/17/86	107	30.	35.024	100.	1.	995.691	31.555	3.2	3.3	50.	100.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/15/78-08/21/80	64 ##	0.5	0.719	2.	0.5	0.134	0.366	0.5	0.5	1.	1.
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/15/78-08/21/80	22	6.	5.841	11.	2.	2.89	1.7	3.15	6.	6.	7.4
00300	OXYGEN, DISSOLVED MG/L	06/19/80-07/25/80	28	10.35	10.239	11.7	9.1	0.506	0.711	9.1	9.625	10.8	11.02
00335	COD, .025N K2CR2O7 MG/L	06/15/78-08/15/83	69	6.	6.42	16.	2.	7.688	2.773	3.	5.	8.	10.
00403	PH, LAB, STANDARD UNITS SU	06/12/86-12/17/86	15	7.3	7.313	7.6	7.1	0.017	0.13	7.16	7.2	7.4	7.54
00403	CONVERTED PH, LAB, STANDARD UNITS	06/12/86-12/17/86	15	7.3	7.296	7.6	7.1	0.017	0.131	7.16	7.2	7.4	7.54
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/86-12/17/86	15	0.05	0.051	0.079	0.025	0.	0.014	0.029	0.04	0.063	0.07
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/79-08/21/80	41	3.	2.622	5.	0.5	1.972	1.404	1.	1.	4.	4.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/15/78-12/17/86	84	0.02	0.017	0.04	0.	0.	0.011	0.005	0.01	0.03	0.03
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/15/78-08/21/80	66 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/15/78-08/21/80	65	0.03	0.032	0.13	0.005	0.001	0.024	0.01	0.02	0.035	0.054
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/15/83-12/17/86	18	0.125	0.144	0.32	0.06	0.005	0.073	0.06	0.08	0.193	0.266
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	06/15/78-08/21/80	65	0.12	0.161	0.75	0.04	0.012	0.111	0.07	0.1	0.215	0.296
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/15/83-12/17/86	18 ##	0.05	0.043	0.05	0.005	0.	0.017	0.005	0.05	0.05	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/78-12/17/86	84	0.021	0.023	0.055	0.007	0.	0.011	0.01	0.015	0.029	0.041
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/15/78-12/17/86	84	0.013	0.013	0.035	0.001	0.	0.008	0.002	0.006	0.018	0.024
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/15/78-08/21/80	64	4.	3.977	5.9	2.5	0.493	0.702	3.1	3.425	4.3	4.95
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	56 ##	0.5	0.5	1.	0.	0.009	0.095	0.5	0.5	0.5	0.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	56 ##	-0.301	-0.29	0.	-0.301	0.003	0.056	-0.301	-0.301	-0.301	-0.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.513								
71875	HYDROGEN SULFIDE (MG/L)	06/19/80-08/06/80	56	0.	0.007	0.4	0.	0.003	0.053	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: CODA0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	64	0	0.00	14	0	0.00				50	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	28	0	0.00							28	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	15	0	0.00	9	0	0.00				6	0	0.00			
		Other-Lo Lim.	6.5	15	0	0.00	9	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: CODA0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	66	0	0.00	16	0	0.00				50	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	65	0	0.00	15	0	0.00				50	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	18	0	0.00	12	0	0.00				6	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	56	0	0.00							56	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 1978 - Station CODA0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/15/78-12/17/86	18	0.01	0.014	0.04	0.	0.	0.011	0.	0.009	0.023	0.031
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/78-12/17/86	18	0.022	0.022	0.044	0.007	0.	0.01	0.009	0.013	0.028	0.035
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/15/78-12/17/86	18	0.012	0.012	0.025	0.001	0.	0.007	0.002	0.007	0.018	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

Annual Analysis for 1979 - Station CODA0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/15/78-12/17/86	9	0.02	0.022	0.04	0.	0.	0.013	0.	0.015	0.035	0.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/78-12/17/86	9	0.023	0.026	0.055	0.007	0.	0.017	0.007	0.013	0.042	0.055
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/15/78-12/17/86	9	0.014	0.014	0.035	0.004	0.	0.01	0.004	0.005	0.019	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 box-and-whisker plot

Annual Analysis for 1980 - Station CODA0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/15/78-12/17/86	39	0.02	0.022	0.04	0.005	0.	0.009	0.01	0.01	0.03	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/78-12/17/86	39	0.02	0.023	0.044	0.011	0.	0.009	0.013	0.016	0.029	0.041
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/15/78-12/17/86	39	0.013	0.014	0.032	0.002	0.	0.007	0.005	0.009	0.019	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

Annual Analysis for 1983 - Station CODA0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/15/78-12/17/86	3	0.01	0.012	0.02	0.005	0.	0.008	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/78-12/17/86	3	0.012	0.011	0.014	0.008	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/15/78-12/17/86	3	0.006	0.005	0.006	0.002	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 box-and-whisker plot

Annual Analysis for 1986 - Station CODA0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/15/78-12/17/86	15 ##	0.005	0.008	0.03	0.005	0.	0.006	0.005	0.005	0.01	0.018
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/78-12/17/86	15	0.022	0.023	0.046	0.007	0.	0.012	0.008	0.01	0.034	0.043
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/15/78-12/17/86	15	0.012	0.011	0.024	0.001	0.	0.009	0.001	0.001	0.022	0.023

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

Seasonal Analysis for Season #1: 8/15 to 1/31 - Station CODA0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	06/15/78-12/17/86	28	30.	25.332	100.	1.	537.829	23.191	1.	3.3	30.	50.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/15/78-12/17/86	28	0.01	0.012	0.04	0.	0.	0.01	0.005	0.005	0.02	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/78-12/17/86	28	0.022	0.022	0.055	0.007	0.	0.011	0.008	0.013	0.027	0.037
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/15/78-12/17/86	28	0.013	0.013	0.035	0.001	0.	0.009	0.002	0.006	0.021	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 #3: 4/16 to 8/14 - Station CODA0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	06/15/78-12/17/86	79	30.	38.459	100.	1.	1121.273	33.485	3.2	3.3	50.	100.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/15/78-12/17/86	56	0.02	0.02	0.04	0.	0.	0.011	0.01	0.01	0.03	0.033
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/78-12/17/86	56	0.02	0.023	0.05	0.007	0.	0.011	0.011	0.015	0.03	0.041
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/15/78-12/17/86	56	0.013	0.013	0.032	0.001	0.	0.008	0.002	0.005	0.018	0.022

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

Station Inventory for Station: CODA0053

NPS Station ID: CODA0053
LAT/LON: 47.945559/-118.978338
Agency: 1119USBR
Date Created: 06/30/78
Location: CRESCENT BAY LAKE UPPER SITE
FIPS State/County: 53025 WASHINGTON/GRANT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): CBL003
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLUMBIA
ECO Region:
RF1 Index: 17020001003
RF1 Mile Point: 0.630
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:
CRESCENT BAY LAKE STUDY FOR REHABILITATION FROM CULTURAL EUTROFICATION

Parameter Inventory for Station: CODA0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/78-08/21/80	60	12.35	13.99	23.8	3.8	42.192	6.496	6.5	8.	20.6	23.45
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	06/30/78-08/21/80	63	19.8	22.778	60.	3.	341.99	18.493	3.2	3.3	32.8	60.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/30/78-08/21/80	60	1.	1.567	14.	0.5	3.377	1.838	0.5	1.	2.	3.
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/30/78-08/21/80	21	5.	4.4	8.	1.5	3.802	1.95	1.68	2.15	6.	6.
00300	OXYGEN, DISSOLVED MG/L	06/30/78-07/22/80	53	3.4	5.061	16.6	0.	24.464	4.946	0.	0.025	9.55	12.12
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/27/78-10/12/78	4	124.2	134.025	168.6	119.1	540.023	23.238	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	06/30/78-08/21/80	63	16.	17.667	41.	7.	32.452	5.697	11.4	14.	20.	24.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/79-08/21/80	28	4.	5.286	23.	2.	16.804	4.099	2.9	3.	5.75	7.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/30/78-08/21/80	63	0.63	1.655	7.06	0.005	3.372	1.836	0.024	0.08	2.89	4.552
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/30/78-08/21/80	61 ##	0.005	0.034	0.76	0.005	0.017	0.129	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/30/78-08/21/80	63	0.05	0.091	0.33	0.005	0.007	0.085	0.024	0.03	0.13	0.256
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	06/30/78-08/21/80	63	0.66	0.759	3.44	0.05	0.286	0.535	0.318	0.46	0.91	1.268
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/78-08/21/80	63	1.61	1.691	4.21	0.39	1.137	1.066	0.6	0.82	2.1	3.66
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/30/78-08/21/80	63	1.44	1.598	3.93	0.36	1.072	1.036	0.516	0.76	1.99	3.55
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/30/78-08/21/80	60	6.1	6.577	13.9	0.1	10.685	3.269	2.91	4.6	8.4	12.07
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	22 ##	0.5	4.955	35.	0.5	109.498	10.464	0.5	0.5	2.	28.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	22 ##	-0.301	0.069	1.544	-0.301	0.4	0.633	-0.301	-0.301	0.301	1.458
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.173								
71875	HYDROGEN SULFIDE (MG/L)	06/19/80-08/06/80	22	0.15	1.023	8.5	0.	4.157	2.039	0.	0.	1.075	4.08

** - 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: CODA0053

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	60	0	0.00	21	0	0.00				39	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	52 &	27	0.52	19	7	0.37				33	20	0.61			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	61	0	0.00	24	0	0.00				37	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	63	0	0.00	24	0	0.00				39	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	22	0	0.00							22	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: CODA0054

NPS Station ID: CODA0054
LAT/LON: 47.945559/-118.983892
Agency: 1119USBR
Date Created: 05/16/78
Location: CRESCENT BAY LAKE DISCHARGE
FIPS State/County: 53025 WASHINGTON/GRANT
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): CBL001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLUMBIA
ECO Region:
RF1 Index: 17020001003
RF1 Mile Point: 0.350
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:
CRESCENT BAY LAKE STUDY FOR REHABILITATION FROM CULTURAL EUTROPHICATION

Parameter Inventory for Station: CODA0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/17/77-08/21/80	35	18.6	15.771	24.	1.6	52.796	7.266	6.5	7.	22.	23.64
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	06/19/80-08/21/80	18	21.65	21.606	40.	3.2	358.259	18.928	3.2	3.2	40.	40.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/09/77-08/21/80	40	1.	1.588	6.	0.5	1.409	1.187	0.5	1.	2.	3.
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/19/80-08/21/80	8	6.	5.875	8.	3.	1.839	1.356	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/09/77-05/11/78	7	493.	495.143	512.	486.	94.476	9.72	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/17/77-07/22/80	30	9.75	9.273	15.7	0.	11.699	3.42	2.06	8.2	10.975	12.96
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/14/78-08/11/78	3	153.8	149.967	162.7	133.4	225.643	15.021	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	05/09/77-08/21/80	42	17.	19.405	38.	11.	48.686	6.978	12.	14.	23.5	31.
00403	PH, LAB, STANDARD UNITS SU	05/09/77-05/11/78	7	8.4	8.371	9.4	7.9	0.262	0.512	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/09/77-05/11/78	7	8.4	8.201	9.4	7.9	0.296	0.544	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/09/77-05/11/78	7	0.004	0.006	0.013	0.	0.	0.005	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/09/77-05/11/78	5	224.	218.8	228.	200.	136.7	11.692	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/09/77-05/11/78	4	0.	2.25	9.	0.	20.25	4.5	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/17/77-05/02/78	4	307.5	306.75	313.	299.	46.917	6.85	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/20/78-08/21/80	21	5.	5.095	15.	2.	7.39	2.719	2.2	3.5	6.	7.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/09/77-08/21/80	42	0.23	1.138	5.23	0.01	2.398	1.549	0.02	0.055	1.918	4.217
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/09/77-08/21/80	41 ##	0.005	0.042	0.65	0.	0.016	0.127	0.005	0.005	0.01	0.066
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/09/77-08/21/80	42	0.105	0.136	0.77	0.01	0.019	0.139	0.02	0.03	0.203	0.287
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	05/09/77-08/21/80	40	0.68	0.793	2.24	0.17	0.199	0.446	0.46	0.533	0.978	1.474
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/09/77-08/21/80	42	1.2	1.498	4.53	0.37	0.836	0.914	0.546	0.763	2.193	2.597
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/09/77-08/21/80	42	1.07	1.315	2.91	0.17	0.579	0.761	0.456	0.655	1.97	2.421
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/09/77-05/11/78	5	38.1	37.78	39.1	34.9	2.852	1.689	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/09/77-05/11/78	5	16.4	17.3	20.9	15.3	5.285	2.299	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/09/77-05/11/78	5	42.53	42.668	44.6	41.61	1.524	1.234	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/09/77-05/11/78	5	7.82	7.194	7.82	5.47	1.043	1.021	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/09/77-05/11/78	5	16.	15.8	18.	14.	2.2	1.483	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/09/77-05/11/78	5	57.6	57.06	60.5	51.9	10.313	3.211	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/09/77-08/21/80	40	6.	6.472	13.5	0.4	9.712	3.116	2.07	4.5	8.15	11.37
01020	BORON, DISSOLVED (UG/L AS B)	05/09/77-05/02/78	2	185.	185.	200.	170.	450.	21.213	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	16 ##	0.5	3.469	22.	0.5	43.749	6.614	0.5	0.5	2.75	19.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	16 ##	-0.301	0.048	1.342	-0.301	0.343	0.586	-0.301	-0.301	0.433	1.281
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.116								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	05/23/79-09/26/79	5	17.42	31.182	113.07	1.85	2165.737	46.537	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/09/77-05/11/78	3	300.	302.	310.	296.	52.	7.211	**	**	**	**
71875	HYDROGEN SULFIDE (MG/L)	06/19/80-08/06/80	16	0.	0.744	4.6	0.	2.241	1.497	0.	0.	0.475	4.25

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

EPA Water Quality Criteria Analysis for Station: CODA0054

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	40	0	0.00	10	0	0.00	2	0	0.00	28	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	30	3	0.10	10	0	0.00				20	3	0.15			
00403	PH, LAB	Other-Hi Lim.	9.	7	1	0.14	1	1	1.00	2	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00	1	0	0.00	2	0	0.00	4	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	41	0	0.00	12	0	0.00	2	0	0.00	27	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	42	0	0.00	12	0	0.00	2	0	0.00	28	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00				2	0	0.00	3	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	5	0	0.00				2	0	0.00	3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	16	0	0.00							16	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: CODA0055

NPS Station ID: CODA0055
LAT/LON: 47.945837/-118.849727
Agency: 112WRD
Date Created: 01/09/93
Location: LAKE ROOSEVELT AT SWAWILLA BASIN LB
FIPS State/County: 53043 WASHINGTON/LINCOLN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 475645118505900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	2.99	2.99	2.99	2.99	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	14.6	14.6	14.6	14.6	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	1028.	1028.	1028.	1028.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	72.4	72.4	72.4	72.4	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	55.	55.	55.	55.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	141.	141.	141.	141.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	564.	564.	564.	564.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	4.24	4.24	4.24	4.24	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/16/92-10/16/92	1	0.97	0.97	0.97	0.97	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	1	1.55	1.55	1.55	1.55	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/16/92-10/16/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/16/92-10/16/92	1	86.	86.	86.	86.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0056

NPS Station ID: CODA0056 LAT/LON: 47.945837/-118.958338 Agency: 112WRD Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR GRAND COULEE DAM RB FIPS State/County: 53047 WASHINGTON/OKANOGAN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 475645118573000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0056

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)	10/16/92-10/16/92	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/16/92-10/16/92	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/16/92-10/16/92	1	51.	51.	51.	51.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/16/92-10/16/92	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/16/92-10/16/92	1	610.	610.	610.	610.	0.	0.	**	**	**	**
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	3.38	3.38	3.38	3.38	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	17.8	17.8	17.8	17.8	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	997.	997.	997.	997.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	73.4	73.4	73.4	73.4	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	61.	61.	61.	61.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	188.	188.	188.	188.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	733.	733.	733.	733.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	4.25	4.25	4.25	4.25	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	1700.	1700.	1700.	1700.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/16/92-10/16/92	1	1.32	1.32	1.32	1.32	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	1 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	1	1.56	1.56	1.56	1.56	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/16/92-10/16/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/16/92-10/16/92	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/16/92-10/16/92	1	150.	150.	150.	150.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/16/92-10/16/92	1	95.	95.	95.	95.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0057

NPS Station ID: CODA0057
LAT/LON: 47.946948/-118.849170
Agency: 112WRD
Date Created: 01/09/93
Location: LAKE ROOSEVELT AT SWAWILLA BASIN MS
FIPS State/County: 53043 WASHINGTON/LINCOLN
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 475649118505700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	4.62	4.62	4.62	4.62	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	21.2	21.2	21.2	21.2	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	1127.	1127.	1127.	1127.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	94.9	94.9	94.9	94.9	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	73.	73.	73.	73.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	307.	307.	307.	307.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	1140.	1140.	1140.	1140.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	4.82	4.82	4.82	4.82	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/16/92-10/16/92	1	1.57	1.57	1.57	1.57	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/16/92-10/16/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/16/92-10/16/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/16/92-10/16/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/16/92-10/16/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/16/92-10/16/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/16/92-10/16/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/16/92-10/16/92	1 ##	28.5	28.5	28.5	28.5	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/16/92-10/16/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/16/92-10/16/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/16/92-10/16/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/16/92-10/16/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/16/92-10/16/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/16/92-10/16/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/16/92-10/16/92	1	84.	84.	84.	84.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/16/92-10/16/92	1	94.	94.	94.	94.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/16/92-10/16/92	1	73.	73.	73.	73.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/16/92-10/16/92	1	44.	44.	44.	44.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0058

NPS Station ID: CODA0058
LAT/LON: 47.950004/-118.250005
Agency: NITROGEN
Date Created: / /
Location: SPOKANE RIVER 2 MI ABOVE MOUTH
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): WFSPR1
RMI-Indexes: 1310001 006500
Within Park Boundary: No
RMI-Miles: 0643.00 0001.70
HUC: 17010307
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17010307001
RF1 Mile Point: 5.850
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	1	10.6	10.6	10.6	10.6	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	1	116.4	116.4	116.4	116.4	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	1	118.2	118.2	118.2	118.2	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: CODA0058

				Total	Exceed	Prop.	8/15-1/31			2/01-4/15			4/16-8/14			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0059

NPS Station ID: CODA0059
LAT/LON: 47.950004/-118.866671
Agency: NITROGEN
Date Created: / /
Location: GRAND COULEE DAM FB 2 MI UP
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): WFCF01
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0598.00
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001029
RF1 Mile Point: 5.200
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/20/72	1	13.6	13.6	13.6	13.6	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/20/72-06/20/72	1	11.4	11.4	11.4	11.4	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/20/72-06/20/72	1	115.1	115.1	115.1	115.1	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/20/72-06/20/72	1	126.6	126.6	126.6	126.6	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: CODA0059

				Total	Exceed	Prop.	8/15-1/31			2/01-4/15			4/16-8/14			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0060

NPS Station ID: CODA0060
LAT/LON: 47.950004/-118.866671
Agency: NITROGEN
Date Created: / /
Location: GRAND COULEE DAM GB 2 MI UPSTRM
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): WFCF02
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0598.00
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001029
RF1 Mile Point: 5.200
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/20/72	1	14.2	14.2	14.2	14.2	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/20/72-06/20/72	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/20/72-06/20/72	1	114.6	114.6	114.6	114.6	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/20/72-06/20/72	1	128.7	128.7	128.7	128.7	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0060

				Total	Exceed	Prop.	8/15-1/31			2/01-4/15			4/16-8/14			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0061

NPS Station ID: CODA0061
LAT/LON: 47.950004/-118.933337
Agency: NITROGEN
Date Created: / /
Location: COLUMBIA AT PINE TREE POINT
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SMGCC4
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0597.00
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001029
RF1 Mile Point: 2.170
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/72-05/24/72	9	6.5	7.556	10.2	5.1	4.878	2.209	5.1	5.45	9.95	10.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/72-05/24/72	8	162600.	177475.	228600.	123300.	2045516428.571	45227.386	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/04/72-05/24/72	9	12.1	12.389	13.3	11.8	0.294	0.542	11.8	11.9	12.85	13.3
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/72-05/24/72	9	109.3	108.511	121.2	97.8	47.976	6.926	97.8	103.45	111.7	121.2
00400	PH (STANDARD UNITS)	05/24/72-05/24/72	1	5.85	5.85	5.85	5.85	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/72-05/24/72	1	5.85	5.85	5.85	5.85	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/72-05/24/72	1	1.413	1.413	1.413	1.413	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/24/72-05/24/72	1	51.	51.	51.	51.	0.	0.	**	**	**	**
72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	04/04/72-05/24/72	8	111400.	116387.5	156600.	59100.	1506995535.714	38820.04	**	**	**	**
73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/04/72-05/24/72	8	16.9	16.875	17.5	16.	0.202	0.45	**	**	**	**
73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/04/72-05/24/72	8	1.1	1.138	1.2	1.1	0.003	0.052	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/04/72-05/07/72	3	104.5	107.533	114.1	104.	32.403	5.692	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0061

				Total	Exceed	Prop.	8/15-1/31			2/01-4/15			4/16-8/14			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	9	0	0.00				3	0	0.00	6	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			

& - 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: CODA0062

NPS Station ID: CODA0062
LAT/LON: 47.950004/-118.933337
Agency: NITROGEN
Date Created: / /
Location: COLUMBIA AT PINE TREE POINT
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SMGCL4
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0597.00
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001029
RF1 Mile Point: 2.170
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/72-05/24/72	8	6.45	7.413	10.5	5.2	5.47	2.339	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/72-05/24/72	8	163000.	177737.5	228800.	124200.	2034122678.571	45101.249	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/04/72-05/24/72	8	11.95	12.138	13.	11.6	0.291	0.54	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/72-05/24/72	8	108.3	105.938	113.7	96.5	38.086	6.171	**	**	**	**
72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	04/04/72-05/24/72	8	110200.	114662.5	156600.	59000.	1648076964.286	40596.514	**	**	**	**
73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/04/72-05/24/72	7	16.9	16.729	17.7	15.3	0.536	0.732	**	**	**	**
73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/04/72-05/24/72	7	1.1	1.129	1.2	1.	0.006	0.076	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/04/72-04/04/72	1	105.6	105.6	105.6	105.6	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: CODA0062

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0063

NPS Station ID: CODA0063
LAT/LON: 47.950004/-118.933337
Agency: NITROGEN
Date Created: / /
Location: COLUMBIA AT PINE TREE POINT
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SMGCR4
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0597.00
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001029
RF1 Mile Point: 2.170
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/04/72-05/24/72	8	7.75	7.938	10.	5.5	3.737	1.933	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/04/72-05/24/72	8	162600.	173637.5	228600.	123300.	2305205535.714	48012.556	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/04/72-05/24/72	9	12.	12.167	13.	11.4	0.292	0.541	11.4	11.8	12.75	13.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/04/72-05/24/72	9	110.5	115.044	179.3	94.8	633.1	25.161	94.8	100.25	115.15	179.3
72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	04/04/72-05/24/72	8	111400.	112087.5	156600.	59100.	1703935535.714	41278.754	**	**	**	**
73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/18/72-05/24/72	7	16.6	16.214	16.9	14.8	0.561	0.749	**	**	**	**
73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/18/72-05/24/72	7	1.1	1.114	1.2	1.	0.008	0.09	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/04/72-05/07/72	3	105.	107.633	113.9	104.	29.703	5.45	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0063

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	9	0	0.00				2	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: CODA0064

NPS Station ID: CODA0064 LAT/LON: 47.950004/-118.973615 Agency: 10EPACOP Date Created: 10/22/88
Location: COLUMBIA RIVER BLW GRAND COULEE DAM R.M. 596.3 FIPS State/County: 53047 WASHINGTON/OKANOGAN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 05A028 /12436500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17020001 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020001001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/86-09/26/86	3	17.6	14.967	18.5	8.8	28.723	5.359	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/15/86-09/26/86	3	86900.	106700.	146300.	86900.	1176120000.	34294.606	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/27/86-08/27/86	1	100200.	100200.	100200.	100200.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/86-09/26/86	4	118.	122.75	148.	107.	352.917	18.786	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/26/86-09/26/86	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/15/86-09/26/86	3	6.8	6.733	6.9	6.5	0.043	0.208	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/86-09/26/86	3	6.8	6.699	6.9	6.5	0.045	0.212	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/86-09/26/86	3	0.158	0.2	0.316	0.126	0.01	0.102	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/15/86-09/26/86	4	1.	1.375	3.	0.5	1.229	1.109	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/15/86-09/26/86	4	68.5	67.75	72.	62.	25.583	5.058	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	05/15/86-09/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/15/86-09/26/86	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/15/86-09/26/86	2	0.25	0.25	0.4	0.1	0.045	0.212	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/15/86-09/26/86	4 ##	0.5	0.438	0.5	0.25	0.016	0.125	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/15/86-09/26/86	4 ##	0.5	0.438	0.5	0.25	0.016	0.125	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/15/86-09/26/86	4 ##	0.5	1.875	6.	0.5	7.563	2.75	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/15/86-09/26/86	4 ##	0.5	3.125	11.	0.5	27.563	5.25	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/15/86-09/26/86	4 ##	0.5	0.438	0.5	0.25	0.016	0.125	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/15/86-09/26/86	4 ##	0.75	1.	2.	0.5	0.5	0.707	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/15/86-09/26/86	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	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	1	0.33	2	1	0.50				1	0	0.00			
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
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			
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			

& - 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: CODA0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01040	COPPER, DISSOLVED	Fresh Acute	18.	4	0	0.00	3	0	0.00				1	0	0.00			
		Drinking Water	1300.	4	0	0.00	3	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00	3	0	0.00				1	0	0.00			
		Drinking Water	5.	4	0	0.00	3	0	0.00				1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00	3	0	0.00				1	0	0.00			
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	4	0	0.00	3	0	0.00				1	0	0.00			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	4	0	0.00	3	0	0.00				1	0	0.00			
		Drinking Water	5.	4	0	0.00	3	0	0.00				1	0	0.00			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	4	0	0.00	3	0	0.00				1	0	0.00			
		Drinking Water	1300.	4	0	0.00	3	0	0.00				1	0	0.00			
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	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: CODA0065

NPS Station ID: CODA0065
LAT/LON: 47.950004/-118.983337
Agency: NITROGEN
Date Created: / /
Location: GRAND COULEE POWERHOUSE LEFT
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SMGCL2
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0596.60
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001002
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/72-05/24/72	5	6.	6.76	10.2	5.7	3.723	1.93	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/72-05/24/72	5	174300.	179980.	228800.	149400.	864637000.	29404.711	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/06/72-05/24/72	5	12.6	12.72	14.8	11.7	1.607	1.268	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/72-05/24/72	5	107.5	108.86	123.9	97.3	91.963	9.59	**	**	**	**
72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	04/06/72-05/24/72	5	119300.	119840.	156600.	88000.	607003000.	24637.431	**	**	**	**
73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/06/72-05/24/72	5	17.5	17.36	19.6	15.2	2.493	1.579	**	**	**	**
73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/06/72-05/24/72	5	1.1	1.14	1.3	1.	0.013	0.114	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0065

				Total	Exceed	Prop.	8/15-1/31			2/01-4/15			4/16-8/14			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	5	0	0.00				3	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: CODA0066

NPS Station ID: CODA0066
LAT/LON: 47.950004/-118.983337
Agency: NITROGEN
Date Created: / /
Location: GRAND COULEE POWERHOUSE RIGHT
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SMGCR3
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0596.60
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001002
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/72-05/24/72	6	5.95	6.65	10.2	5.8	3.035	1.742	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/13/72-05/24/72	6	168850.	177400.	228800.	160200.	705900000.	26568.779	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/13/72-05/24/72	6	11.9	12.083	13.	11.3	0.458	0.677	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/13/72-05/24/72	6	104.25	103.333	110.1	95.4	40.811	6.388	**	**	**	**
72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	04/13/72-05/24/72	6	105150.	111366.667	156600.	91000.	683266666.667	26139.37	**	**	**	**
73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/13/72-05/24/72	6	16.35	16.183	17.7	14.6	1.422	1.192	**	**	**	**
73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/13/72-05/24/72	6	1.05	1.05	1.2	0.9	0.011	0.105	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0066

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	6	0	0.00				4	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: CODA0067

NPS Station ID: CODA0067 LAT/LON: 47.956670/-118.975560 Agency: 1119USBR Date Created: 11/17/79
Location: FDR LAKE AT COULEE DAM CITY MUNICIPLE INTAKE FIPS State/County: 53025 WASHINGTON/GRANT
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): FDR004
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17020005 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020005018 RF1 Mile Point: 15.710 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/19/80-08/15/83	29	20.3	20.228	24.2	15.5	4.404	2.099	17.	18.9	21.35	23.1
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	05/16/80-08/15/83	34	30.	29.865	100.	3.2	520.888	22.823	3.2	3.2	50.	50.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/16/80-08/21/80	31 ##	0.5	0.726	2.	0.5	0.164	0.405	0.5	0.5	1.	1.
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/19/80-08/21/80	8	6.	6.875	11.	6.	3.268	1.808	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/19/80-07/25/80	21	10.1	10.176	11.7	9.1	0.472	0.687	9.3	9.55	10.65	11.14
00335	COD, .025N K2CR2O7 MG/L	05/16/80-08/15/83	34	7.	7.5	17.	3.	9.53	3.087	4.	6.	9.	11.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/16/80-08/21/80	31	2.	2.968	10.	1.	2.966	1.722	2.	2.	4.	4.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/16/80-08/15/83	34	0.015	0.018	0.07	0.005	0.	0.014	0.005	0.01	0.02	0.04
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/16/80-08/21/80	31 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/16/80-08/21/80	31	0.03	0.031	0.09	0.01	0.	0.018	0.01	0.02	0.04	0.05
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/15/83-08/15/83	3	0.14	0.307	0.65	0.13	0.088	0.297	**	**	**	**
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	05/16/80-08/21/80	31	0.15	0.16	0.43	0.06	0.005	0.07	0.09	0.11	0.19	0.228
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/15/83-08/15/83	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/16/80-08/15/83	34	0.026	0.026	0.051	0.012	0.	0.01	0.014	0.017	0.033	0.042
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/16/80-08/15/83	34	0.013	0.014	0.037	0.001	0.	0.009	0.003	0.006	0.021	0.027
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/16/80-08/21/80	31	3.3	3.606	6.2	0.3	1.204	1.097	2.68	3.2	4.	5.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	24 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/19/80-08/06/80	24 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	-0.301	-0.301	-0.301	-0.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								
71875	HYDROGEN SULFIDE (MG/L)	06/19/80-08/06/80	24	0.	0.021	0.5	0.	0.01	0.102	0.	0.	0.	0.

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

EPA Water Quality Criteria Analysis for Station: CODA0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	31	0	0.00	3	0	0.00				28	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	21	0	0.00							21	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	31	0	0.00	3	0	0.00				28	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	31	0	0.00	3	0	0.00				28	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	24	0	0.00							24	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: CODA0068

NPS Station ID: CODA0068
LAT/LON: 47.959726/-118.829449
Agency: 112WRD
Date Created: 01/09/93
Location: LAKE ROOSEVELT AT SWAWILLA BASIN RB
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 475735118494600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	2.26	2.26	2.26	2.26	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	14.2	14.2	14.2	14.2	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	936.	936.	936.	936.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	64.9	64.9	64.9	64.9	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	41.	41.	41.	41.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/16/92-10/16/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	131.	131.	131.	131.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	563.	563.	563.	563.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	3.29	3.29	3.29	3.29	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/16/92-10/16/92	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/16/92-10/16/92	1	0.85	0.85	0.85	0.85	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	1	1.43	1.43	1.43	1.43	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/16/92-10/16/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/16/92-10/16/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/16/92-10/16/92	1	62.	62.	62.	62.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0069

NPS Station ID: CODA0069
LAT/LON: 47.965559/-118.981670
Agency: 1119C050
Date Created: / /
Location: COLUMBIA R BL GRAND COULEE DAM
FIPS State/County: 53017 WASHINGTON/DOUGLAS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 543128 /53A070
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17020005
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA R AB YAKIMA RIVER
ECO Region:
RF1 Index: 17020005018
RF1 Mile Point: 14.910
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
STA EST 11-71 FOR COOPERATIVE NUTRIENT BALANCE STUDY

Parameter Inventory for Station: CODA0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/09/71-09/09/77	17	8.3	10.012	24.	2.9	39.494	6.284	3.22	5.1	12.5	24.
00060	FLOW, STREAM, MEAN DAILY CFS	11/09/71-09/26/72	18	129300.	153688.889	337300.	79700.	5805399869.281	76193.175	79700.	98450.	188350.	320110.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/20/76-09/09/77	9	1.	1.744	7.8	0.3	5.47	2.339	0.3	0.45	1.8	7.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/20/76-09/09/77	10	137.5	141.	194.	86.	1108.	33.287	88.9	118.75	165.	192.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/76-12/16/76	2	127.5	127.5	136.	119.	144.5	12.021	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/20/76-09/09/77	11	10.7	10.518	12.2	8.4	2.27	1.507	8.42	9.2	12.	12.2
00340	COD, .25N K2CR2O7 MG/L	10/20/76-09/09/77	9	5.	5.	8.	2.	4.	2.	2.	3.5	7.	8.
00400	PH (STANDARD UNITS)	10/20/76-09/09/77	10	7.1	7.25	7.8	6.8	0.136	0.369	6.81	6.975	7.7	7.79
00400	CONVERTED PH (STANDARD UNITS)	10/20/76-09/09/77	10	7.1	7.131	7.8	6.8	0.152	0.39	6.81	6.975	7.7	7.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/76-09/09/77	10	0.079	0.074	0.158	0.016	0.002	0.049	0.016	0.02	0.106	0.155
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/30/76-09/09/77	5	59.	50.4	64.	12.	469.3	21.663	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	10/20/76-09/09/77	9	127.	140.556	226.	102.	1402.528	37.45	102.	118.	157.	226.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/20/76-09/09/77	9	3.	15.444	113.	2.	1342.028	36.634	2.	2.	6.	113.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/71-09/09/77	10	0.01	0.009	0.02	0.005	0.	0.005	0.005	0.006	0.011	0.019
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/16/71-02/25/77	2	0.046	0.046	0.09	0.002	0.004	0.062	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/16/71-06/16/77	2 ##	0.055	0.055	0.105	0.005	0.005	0.071	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/16/71-09/09/77	8	0.165	0.175	0.35	0.06	0.011	0.107	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/20/76-09/09/77	7	0.09	0.088	0.16	0.005	0.003	0.05	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/71-09/09/77	10	0.028	0.033	0.064	0.018	0.	0.015	0.018	0.02	0.045	0.062
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/16/71-09/09/77	6	0.008	0.012	0.032	0.001	0.	0.012	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/09/71-08/19/77	24	2.7	3.142	11.	1.	3.916	1.979	1.6	2.	4.	4.7
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	11/09/71-09/26/72	18	15.5	14.178	17.2	5.	10.778	3.283	8.78	12.425	16.075	17.2
00690	CARBON, TOTAL (MG/L AS C)	11/09/71-09/26/72	19	17.5	16.779	20.6	11.	7.048	2.655	11.	16.	18.4	20.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/30/76-09/09/77	4	1.	1.75	4.	1.	2.25	1.5	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/30/76-09/09/77	5	12.	10.2	14.	2.	23.2	4.817	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/76-03/18/77	5	0.8	0.78	1.	0.5	0.052	0.228	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/30/76-11/30/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/76-03/18/77	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/30/76-12/16/76	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/30/76-11/30/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/30/76-03/18/77	5	3.	2.6	4.	1.	1.3	1.14	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/76-03/18/77	5	8.	15.6	50.	4.	372.8	19.308	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/30/76-11/30/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/76-03/18/77	5	20.	17.	30.	5.	95.	9.747	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/30/76-11/30/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	11/30/76-03/18/77	5	60.	75.8	134.	42.	1529.2	39.105	**	**	**	**

** - Less than 9 observations ## - 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: CODA0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/30/76-11/30/76	1	145.	145.	145.	145.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	01/28/77-03/18/77	3 ##	0.5	0.367	0.5	0.1	0.053	0.231	**	**	**	**
01142	SILICON, TOTAL (UG/L AS SI)	10/20/76-12/16/76	2	4.	4.	4.	4.	0.	0.	**	**	**	**
01143	SILICON, IN SILICATE (UG/L SIO3 AS SI)	08/19/77-08/19/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/20/76-06/17/77	5	2.	5.2	12.	1.	28.7	5.357	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/20/76-06/17/77	5	0.301	0.476	1.079	0.	0.281	0.53	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.993								
32223	CHLOROPHYLL A MG/M2 SPECTROPHOTOMETRIC CORRECTED	08/11/77-08/11/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	09/08/76-09/08/76	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/30/76-09/09/77	5	110.	103.	139.	50.	1163.5	34.11	**	**	**	**
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	08/11/77-08/11/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	11/30/76-03/18/77	5	0.3	0.332	0.7	0.06	0.058	0.241	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/30/76-11/30/76	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	9	0	0.00	6	0	0.00	2	0	0.00	1	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	11	0	0.00	6	0	0.00	2	0	0.00	3	0	0.00			
00400	PH	Other-Hi Lim.	9.	10	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	10	0	0.00	6	0	0.00	2	0	0.00	2	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			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	6	0	0.00	1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	3	0	0.00	1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	5	0	0.00	3	0	0.00	2	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	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						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4	0	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5.	4	0	0.00	2	0	0.00	2	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00	3	0	0.00	2	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	5	1	0.20	3	0	0.00	2	1	0.50						
		Drinking Water	1300.	5	0	0.00	3	0	0.00	2	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	5	0	0.00	3	0	0.00	2	0	0.00						
		Drinking Water	5.	4 &	4	1.00	2	2	1.00	2	2	1.00						
01092	ZINC, TOTAL	Fresh Acute	120.	5	1	0.20	3	0	0.00	2	1	0.50						
01097	ANTIMONY, TOTAL	Fresh Acute	88.	3	0	0.00	1	0	0.00	2	0	0.00						
		Drinking Water	10.	3	0	0.00	1	0	0.00	2	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00	3	0	0.00				2	0	0.00			
71900	MERCURY, TOTAL	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						

& - 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: CODA0070

NPS Station ID: CODA0070 LAT/LON: 47.965559/-118.981670 Agency: 112WRD Date Created: / /
Location: COLUMBIA RIVER AT GRAND COULEE, WASH. FIPS State/County: 53047 WASHINGTON/OKANOGAN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12436500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17020005 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17020005018 RF1 Mile Point: 14.910 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/70-06/18/80	59	10.9	10.408	19.1	0.8	30.331	5.507	2.9	5.4	15.9	17.9
00060	FLOW, STREAM, MEAN DAILY CFS	07/12/78-07/12/78	1	131000.	131000.	131000.	131000.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/18/80	82	113500.	123628.049	334000.	51000.	2300130685.035	47959.678	77830.	90650.	142250.	175800.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-09/13/78	62	3.	3.274	9.	1.	4.301	2.074	1.	2.	4.25	7.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/18/78-06/18/80	20	2.	1.95	4.	1.	0.682	0.826	1.	1.	2.	3.
00080	COLOR (PLATINUM-COBALT UNITS)	10/12/71-06/18/80	82	13.	13.451	40.	4.	37.905	6.157	8.	10.	16.	20.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/71-06/18/80	83	150.	149.458	197.	110.	269.544	16.418	129.4	138.	160.	170.
00300	OXYGEN, DISSOLVED MG/L	10/12/71-06/18/80	82	11.85	11.72	18.	7.6	5.552	2.356	8.53	9.7	13.4	14.8
00400	PH (STANDARD UNITS)	10/12/71-06/18/80	82	7.8	7.784	8.5	6.7	0.091	0.302	7.4	7.675	7.925	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/12/71-06/18/80	82	7.8	7.655	8.5	6.7	0.108	0.329	7.4	7.675	7.925	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/71-06/18/80	82	0.016	0.022	0.2	0.003	0.001	0.026	0.006	0.012	0.021	0.04
00405	CARBON DIOXIDE (MG/L AS CO2)	03/28/72-09/23/76	41	2.	3.095	22.	0.3	15.634	3.954	0.94	1.3	2.9	4.5
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/13/70-09/23/76	51	59.	58.902	71.	47.	33.21	5.763	51.	54.	64.	66.
00440	BICARBONATE ION (MG/L AS HCO3)	05/13/70-09/23/76	51	72.	71.843	86.	57.	48.655	6.975	62.	66.	78.	80.8
00445	CARBONATE ION (MG/L AS CO3)	10/12/71-06/24/76	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	10/22/75-09/16/76	23	0.36	0.43	2.1	0.16	0.146	0.381	0.22	0.25	0.49	0.548
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/11/72-09/16/76	30	0.175	0.221	0.8	0.02	0.021	0.143	0.1	0.14	0.303	0.369
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/18/80	83	0.04	0.054	0.21	0.	0.002	0.04	0.01	0.03	0.07	0.106
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/12/71-09/26/72	22	0.01	0.007	0.03	0.	0.	0.007	0.	0.	0.01	0.01
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/23/74-08/20/75	4	0.008	0.007	0.01	0.002	0.	0.004	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/12/71-09/26/72	22	0.125	0.145	0.34	0.05	0.005	0.069	0.063	0.098	0.19	0.248
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/23/74-08/20/75	4	0.075	0.1	0.18	0.07	0.003	0.054	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/71-09/16/76	49	0.22	0.277	0.93	0.04	0.031	0.176	0.09	0.16	0.42	0.48
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/75-06/18/80	57	0.11	0.136	1.6	0.01	0.043	0.207	0.03	0.055	0.16	0.182
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/25/79-06/06/79	2	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/11/72-06/18/80	64	0.03	0.04	0.15	0.	0.001	0.036	0.	0.003	0.06	0.09
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/18/80	82	0.03	0.034	0.08	0.01	0.	0.015	0.02	0.02	0.04	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/18/80	83	0.01	0.015	0.05	0.	0.	0.011	0.005	0.005	0.02	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/70-09/23/76	51	67.	66.549	85.	53.	45.613	6.754	59.	61.	72.	74.8
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/13/70-09/23/76	51	7.	7.647	18.	1.	11.913	3.452	4.	5.	10.	12.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/13/70-09/23/76	51	19.	19.627	25.	16.	3.958	1.99	17.2	18.	21.	22.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/13/70-09/23/76	51	4.3	4.263	5.4	1.1	0.569	0.754	3.5	3.8	4.8	5.18
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/13/70-09/23/76	51	1.9	1.896	3.2	1.	0.235	0.485	1.3	1.5	2.3	2.5
00931	SODIUM ADSORPTION RATIO	05/13/70-09/23/76	51	0.1	0.102	0.2	0.1	0.	0.014	0.1	0.1	0.1	0.1
00932	SODIUM, PERCENT	05/13/70-09/23/76	51	6.	5.765	10.	3.	2.184	1.478	4.	5.	7.	8.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/13/70-09/23/76	51	0.9	1.002	2.6	0.2	0.168	0.41	0.6	0.8	1.1	1.46
00940	CHLORIDE,TOTAL IN WATER MG/L	05/13/70-09/23/76	51	1.	1.161	2.	0.2	0.309	0.556	0.62	0.8	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/13/70-09/23/76	51	12.	12.078	17.	6.	6.514	2.552	9.	10.	14.	15.

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

Parameter Inventory for Station: CODA0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/11/72-09/26/72	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/71-12/14/71	4	3.	2.5	4.	0.	3.667	1.915	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/12/71-09/26/72	21	2.	2.	9.	0.	3.2	1.789	1.	1.	2.	3.
01049	LEAD, DISSOLVED (UG/L AS PB)	10/12/71-09/26/72	21	3.	3.143	7.	0.	4.729	2.175	0.2	1.5	5.	6.8
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/12/71-09/26/72	21	30.	37.619	120.	10.	939.048	30.644	10.	20.	45.	98.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/71-09/23/76	48	24.	86.417	600.	1.	17527.557	132.392	2.5	11.25	100.	346.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/71-09/23/76	48	1.379	1.483	2.778	0.	0.471	0.686	0.398	1.044	2.	2.539
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			30.396								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/74-09/23/76	28 ##	1.	1.179	2.5	0.5	0.208	0.456	1.	1.	1.	2.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/23/74-09/23/76	28 ##	0.	0.046	0.398	-0.301	0.02	0.143	0.	0.	0.	0.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.113								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/12/71-09/26/72	22	95.	104.455	180.	80.	572.545	23.928	82.6	87.5	120.5	132.2
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/12/71-09/26/72	22	28150.	41372.727	110000.	17300.	759911601.732	27566.494	19020.	22250.	51225.	100830.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/12/71-09/26/72	22	0.13	0.142	0.24	0.11	0.001	0.032	0.11	0.12	0.163	0.177
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/25/79-06/18/80	14	0.045	0.044	0.1	0.	0.001	0.035	0.	0.01	0.073	0.1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/11/72-09/26/72	3	0.5	0.533	0.7	0.4	0.023	0.153	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/11/72-09/26/72	3	0.	0.01	0.03	0.	0.	0.017	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/25/79-06/18/80	14	0.075	0.27	2.7	0.03	0.49	0.7	0.045	0.06	0.12	1.425
71887	NITROGEN, TOTAL, AS NO3 - MG/L	10/22/75-09/16/76	23	1.6	1.904	9.3	0.7	2.855	1.69	1.	1.1	2.2	2.42
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/71-09/26/72	21	0.3	0.338	1.	0.	0.075	0.275	0.	0.15	0.55	0.78

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

EPA Water Quality Criteria Analysis for Station: CODA0070

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	62	0	0.00	28	0	0.00	14	0	0.00	20	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	20	0	0.00	9	0	0.00	4	0	0.00	7	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	82	0	0.00	38	0	0.00	17	0	0.00	27	0	0.00			
00400	PH	Other-Hi Lim.	9.	82	0	0.00	38	0	0.00	17	0	0.00	27	0	0.00			
		Other-Lo Lim.	6.5	82	0	0.00	38	0	0.00	17	0	0.00	27	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	22	0	0.00	9	0	0.00	5	0	0.00	8	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	22	0	0.00	9	0	0.00	5	0	0.00	8	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	57	0	0.00	27	0	0.00	12	0	0.00	18	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	51	0	0.00	22	0	0.00	11	0	0.00	18	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	51	0	0.00	22	0	0.00	11	0	0.00	18	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	17	0	0.00	4	0	0.00	5	0	0.00	8	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	4	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	21	0	0.00	8	0	0.00	5	0	0.00	8	0	0.00			
		Drinking Water	1300.	21	0	0.00	8	0	0.00	5	0	0.00	8	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	21	0	0.00	8	0	0.00	5	0	0.00	8	0	0.00			
		Drinking Water	5.	21	6	0.29	8	0	0.00	5	3	0.60	8	3	0.38			
01090	ZINC, DISSOLVED	Fresh Acute	120.	21	1	0.05	8	0	0.00	5	1	0.20	8	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	48	0	0.00	21	0	0.00	11	0	0.00	16	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	28	0	0.00	13	0	0.00	6	0	0.00	9	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00	2	0	0.00				1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	3	0	0.00	2	0	0.00				1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	21	0	0.00	8	0	0.00	5	0	0.00	8	0	0.00			
		Drinking Water	2.	21	0	0.00	8	0	0.00	5	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

Annual Analysis for 1971 - Station CODA0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/18/80	5	84000.	85800.	108000.	72800.	175995000.	13266.311	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-09/13/78	5	2.	1.6	2.	1.	0.3	0.548	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/12/71-06/18/80	5	12.	12.8	17.	10.	7.7	2.775	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/71-06/18/80	5	150.	155.4	190.	137.	455.8	21.349	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/12/71-06/18/80	5	9.1	9.36	11.6	8.1	1.858	1.363	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/71-06/18/80	5	7.8	7.68	8.1	7.2	0.117	0.342	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/71-06/18/80	5	7.8	7.571	8.1	7.2	0.132	0.363	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/71-06/18/80	5	0.016	0.027	0.063	0.008	0.	0.022	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/18/80	5	0.03	0.044	0.09	0.	0.002	0.039	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/18/80	5	0.04	0.036	0.05	0.02	0.	0.011	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/18/80	5	0.01	0.016	0.03	0.01	0.	0.009	**	**	**	**

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

Annual Analysis for 1972 - Station CODA0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/18/80	17	142000.	157482.353	334000.	80000.	6104810294.118	78133.285	80160.	100400.	189000.	330000.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-09/13/78	17	3.	3.	7.	1.	3.75	1.936	1.	1.	4.	7.
00080	COLOR (PLATINUM-COBALT UNITS)	10/12/71-06/18/80	17	14.	14.412	28.	6.	27.007	5.197	9.2	11.	16.	24.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/71-06/18/80	17	153.	149.941	165.	134.	84.309	9.182	134.8	143.	157.	161.
00300	OXYGEN, DISSOLVED MG/L	10/12/71-06/18/80	17	13.5	13.282	17.3	8.8	5.583	2.363	9.12	11.9	14.85	16.26
00400	PH (STANDARD UNITS)	10/12/71-06/18/80	16	7.75	7.769	8.1	7.5	0.024	0.154	7.57	7.7	7.875	8.03
00400	CONVERTED PH (STANDARD UNITS)	10/12/71-06/18/80	16	7.747	7.745	8.1	7.5	0.024	0.156	7.57	7.7	7.875	8.03
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/71-06/18/80	16	0.018	0.018	0.032	0.008	0.	0.006	0.009	0.013	0.02	0.027
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/18/80	17	0.07	0.07	0.21	0.01	0.003	0.054	0.01	0.02	0.105	0.146
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/11/72-06/18/80	3	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/18/80	17	0.04	0.038	0.08	0.01	0.	0.022	0.01	0.02	0.055	0.072
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/18/80	17	0.01	0.014	0.04	0.	0.	0.012	0.	0.005	0.025	0.032

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

Annual Analysis for 1974 - Station CODA0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/18/80	1	83000.	83000.	83000.	83000.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-09/13/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/12/71-06/18/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/71-06/18/80	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/12/71-06/18/80	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/71-06/18/80	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/71-06/18/80	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/71-06/18/80	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/18/80	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/11/72-06/18/80	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/18/80	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/18/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

Annual Analysis for 1975 - Station CODA0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/18/80	9	110000.	105077.778	118000.	73100.	207589444.444	14407.965	73100.	98800.	113500.	118000.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-09/13/78	9	4.	4.333	8.	1.	4.75	2.179	1.	3.	6.	8.
00080	COLOR (PLATINUM-COBALT UNITS)	10/12/71-06/18/80	9	13.	13.889	21.	8.	25.861	5.085	8.	8.5	19.	21.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/71-06/18/80	9	140.	146.667	170.	130.	150.	12.247	130.	140.	155.	170.
00300	OXYGEN, DISSOLVED MG/L	10/12/71-06/18/80	9	9.6	10.889	18.	8.5	9.806	3.131	8.5	8.7	12.35	18.
00400	PH (STANDARD UNITS)	10/12/71-06/18/80	9	7.8	7.711	8.5	6.7	0.281	0.53	6.7	7.4	8.1	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/12/71-06/18/80	9	7.8	7.4	8.5	6.7	0.39	0.625	6.7	7.4	8.1	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/71-06/18/80	9	0.016	0.04	0.2	0.003	0.004	0.061	0.003	0.008	0.04	0.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/18/80	9	0.04	0.074	0.2	0.03	0.003	0.058	0.03	0.04	0.115	0.2
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/11/72-06/18/80	9	0.06	0.051	0.09	0.01	0.001	0.024	0.01	0.03	0.06	0.09
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/18/80	9	0.03	0.037	0.06	0.03	0.	0.01	0.03	0.03	0.041	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/18/80	9	0.02	0.017	0.03	0.004	0.	0.008	0.004	0.01	0.02	0.03

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

Annual Analysis for 1976 - Station CODA0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/18/80	18	145500.	147700.	202000.	88600.	688043529.412	26230.584	107860.	130500.	164250.	181300.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-09/13/78	18	4.	4.167	9.	1.	5.441	2.333	1.	2.	6.	8.1
00080	COLOR (PLATINUM-COBALT UNITS)	10/12/71-06/18/80	18	13.	14.611	38.	8.	51.193	7.155	8.	8.75	17.	22.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/71-06/18/80	18	141.5	143.389	170.	120.	311.075	17.637	122.7	128.	160.	167.3
00300	OXYGEN, DISSOLVED MG/L	10/12/71-06/18/80	18	12.25	12.239	15.7	9.7	3.504	1.872	9.79	10.325	13.4	15.34
00400	PH (STANDARD UNITS)	10/12/71-06/18/80	18	7.8	7.711	8.1	6.9	0.088	0.297	7.08	7.675	7.9	8.01
00400	CONVERTED PH (STANDARD UNITS)	10/12/71-06/18/80	18	7.8	7.58	8.1	6.9	0.106	0.326	7.08	7.675	7.9	8.01
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/71-06/18/80	18	0.016	0.026	0.126	0.008	0.001	0.029	0.01	0.013	0.021	0.084
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/18/80	18	0.055	0.059	0.12	0.03	0.001	0.023	0.03	0.04	0.073	0.093
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/11/72-06/18/80	18	0.03	0.039	0.12	0.	0.001	0.035	0.	0.	0.06	0.093
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/18/80	18	0.04	0.034	0.05	0.01	0.	0.015	0.01	0.02	0.05	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/18/80	18	0.01	0.014	0.04	0.005	0.	0.01	0.005	0.005	0.02	0.031

** - Less than 9 observations ## - Computed with 50% or 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 CODA0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/18/80	3	77900.	82966.667	101000.	70000.	259503333.333	16109.107	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-09/13/78	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/12/71-06/18/80	3	15.	13.333	15.	10.	8.333	2.887	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/71-06/18/80	3	152.	153.333	163.	145.	82.333	9.074	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/12/71-06/18/80	3	9.9	9.933	10.7	9.2	0.563	0.751	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/71-06/18/80	3	7.7	7.7	7.8	7.6	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/71-06/18/80	3	7.7	7.692	7.8	7.6	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/71-06/18/80	3	0.02	0.02	0.025	0.016	0.	0.005	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/18/80	3	0.03	0.053	0.1	0.03	0.002	0.04	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/11/72-06/18/80	3	0.03	0.03	0.06	0.	0.001	0.03	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/18/80	3	0.03	0.027	0.03	0.02	0.	0.006	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/18/80	3	0.01	0.012	0.02	0.005	0.	0.008	**	**	**	**

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

Annual Analysis for 1978 - Station CODA0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/18/80	11	111000.	114436.364	139000.	86800.	325174545.455	18032.597	87640.	101000.	134000.	138400.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-09/13/78	9	2.	2.333	5.	1.	1.75	1.323	1.	1.	3.	5.
00080	COLOR (PLATINUM-COBALT UNITS)	10/12/71-06/18/80	12	10.	11.25	20.	5.	18.75	4.33	5.	10.	15.	18.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/71-06/18/80	12	145.	153.417	197.	125.	580.992	24.104	125.9	132.5	171.5	193.4
00300	OXYGEN, DISSOLVED MG/L	10/12/71-06/18/80	11	11.6	11.082	13.7	7.8	3.744	1.935	7.96	9.1	12.9	13.6
00400	PH (STANDARD UNITS)	10/12/71-06/18/80	12	7.8	7.817	8.2	7.3	0.056	0.237	7.42	7.7	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/12/71-06/18/80	12	7.8	7.755	8.2	7.3	0.06	0.245	7.42	7.7	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/71-06/18/80	12	0.016	0.018	0.05	0.006	0.	0.011	0.006	0.013	0.02	0.041
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/18/80	12	0.035	0.041	0.08	0.01	0.001	0.024	0.01	0.02	0.06	0.077
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/11/72-06/18/80	12	0.03	0.035	0.09	0.	0.001	0.031	0.	0.008	0.053	0.09
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/18/80	12	0.03	0.03	0.04	0.02	0.	0.009	0.02	0.02	0.04	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/18/80	12	0.01	0.013	0.03	0.005	0.	0.009	0.005	0.006	0.018	0.03

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

Annual Analysis for 1979 - Station CODA0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/18/80	12	115500.	110350.	131000.	53200.	523070000.	22870.724	61540.	104250.	127000.	131000.
00080	COLOR (PLATINUM-COBALT UNITS)	10/12/71-06/18/80	11	10.	13.636	40.	4.	107.855	10.385	4.2	5.	20.	36.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/71-06/18/80	12	150.	152.333	170.	138.	156.97	12.529	138.6	140.	166.	170.
00300	OXYGEN, DISSOLVED MG/L	10/12/71-06/18/80	12	11.3	11.083	14.4	7.6	5.985	2.446	7.75	8.6	13.475	14.19
00400	PH (STANDARD UNITS)	10/12/71-06/18/80	12	7.95	7.908	8.3	7.4	0.088	0.297	7.46	7.6	8.2	8.27
00400	CONVERTED PH (STANDARD UNITS)	10/12/71-06/18/80	12	7.947	7.814	8.3	7.4	0.098	0.313	7.46	7.6	8.2	8.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/71-06/18/80	12	0.011	0.015	0.04	0.005	0.	0.011	0.005	0.006	0.025	0.035
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/18/80	12	0.025	0.025	0.06	0.	0.	0.017	0.002	0.01	0.038	0.054
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/11/72-06/18/80	12	0.	0.033	0.12	0.	0.002	0.049	0.	0.	0.075	0.12
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/18/80	12	0.02	0.028	0.06	0.02	0.	0.013	0.02	0.02	0.038	0.054
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/18/80	12 ##	0.005	0.013	0.04	0.	0.	0.015	0.002	0.005	0.025	0.04

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

Annual Analysis for 1980 - Station CODA0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/18/80	6	72350.	85350.	134000.	51000.	1286935000.	35873.876	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/12/71-06/18/80	6	10.5	11.833	17.	8.	19.767	4.446	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/71-06/18/80	6	160.	156.5	172.	130.	211.9	14.557	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/12/71-06/18/80	6	12.9	12.617	13.3	11.5	0.458	0.677	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/71-06/18/80	6	8.1	8.033	8.3	7.7	0.059	0.242	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/71-06/18/80	6	8.089	7.976	8.3	7.7	0.063	0.25	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/71-06/18/80	6	0.008	0.011	0.02	0.005	0.	0.006	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/18/80	6	0.055	0.053	0.08	0.01	0.001	0.028	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/11/72-06/18/80	6	0.03	0.06	0.15	0.03	0.003	0.05	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/18/80	5	0.04	0.034	0.05	0.01	0.	0.015	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/18/80	6	0.01	0.02	0.05	0.01	0.	0.017	**	**	**	**

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

Seasonal Analysis for Season #1: 8/15 to 1/31 - Station CODA0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/70-06/18/80	26	15.2	12.892	19.1	1.	29.728	5.452	4.19	7.825	17.45	18.59
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/18/80	38	107000.	101284.211	143000.	53200.	392680284.495	19816.162	72520.	84375.	112250.	127200.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-09/13/78	28	2.	2.393	8.	1.	2.692	1.641	1.	1.	3.	5.
00080	COLOR (PLATINUM-COBALT UNITS)	10/12/71-06/18/80	37	12.	11.973	21.	4.	17.027	4.126	5.	10.	15.	17.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/71-06/18/80	38	141.5	144.474	190.	110.	240.364	15.504	123.	136.25	153.5	160.3
00300	OXYGEN, DISSOLVED MG/L	10/12/71-06/18/80	38	9.7	10.003	13.7	7.6	2.487	1.577	8.1	8.75	11.15	12.28
00400	PH (STANDARD UNITS)	10/12/71-06/18/80	38	7.8	7.739	8.5	6.7	0.115	0.339	7.38	7.6	7.9	8.11
00400	CONVERTED PH (STANDARD UNITS)	10/12/71-06/18/80	38	7.8	7.574	8.5	6.7	0.143	0.378	7.38	7.6	7.9	8.11
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/71-06/18/80	38	0.016	0.027	0.2	0.003	0.001	0.036	0.008	0.013	0.025	0.042
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/13/70-09/23/76	22	57.	57.273	66.	49.	25.446	5.044	49.	54.5	62.	64.7
00440	BICARBONATE ION (MG/L AS HCO3)	05/13/70-09/23/76	22	70.	69.909	81.	60.	38.087	6.171	60.	66.25	75.25	78.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/18/80	38	0.04	0.055	0.2	0.	0.002	0.046	0.01	0.02	0.083	0.13
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/11/72-06/18/80	31	0.03	0.042	0.12	0.	0.001	0.029	0.	0.03	0.06	0.09
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/18/80	38	0.03	0.029	0.07	0.01	0.	0.013	0.01	0.02	0.04	0.041
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/18/80	38	0.01	0.015	0.04	0.	0.	0.009	0.005	0.01	0.02	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/70-09/23/76	22	64.5	64.318	74.	53.	30.132	5.489	54.8	60.75	68.	71.7
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/13/70-09/23/76	22	6.5	7.136	14.	1.	10.695	3.27	4.	4.75	10.	12.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/13/70-09/23/76	22	19.	19.227	25.	16.	3.613	1.901	16.6	18.	20.25	21.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/13/70-09/23/76	22	4.15	3.973	5.2	1.1	0.75	0.866	3.13	3.575	4.4	5.01
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/13/70-09/23/76	22	1.75	1.809	2.6	1.1	0.193	0.44	1.23	1.3	2.225	2.3
00931	SODIUM ADSORPTION RATIO	05/13/70-09/23/76	22	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00932	SODIUM, PERCENT	05/13/70-09/23/76	22	5.5	5.682	9.	4.	2.227	1.492	4.	4.	7.	8.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/13/70-09/23/76	22	0.9	1.05	2.6	0.2	0.275	0.524	0.6	0.775	1.3	1.92
00940	CHLORIDE,TOTAL IN WATER MG/L	05/13/70-09/23/76	22	1.	1.227	2.	0.4	0.315	0.562	0.63	0.875	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/13/70-09/23/76	22	11.	11.	14.	6.	4.476	2.116	8.	10.	12.25	14.

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

Seasonal Analysis for Season #2: 2/01 to 4/15 - Station CODA0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/70-06/18/80	13	3.	3.438	6.5	0.8	2.161	1.47	1.32	2.7	4.4	6.06
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/18/80	18	120500.	120861.111	188000.	56400.	1267864869.281	35607.09	71430.	90550.	145250.	174500.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-09/13/78	14	5.	4.714	8.	1.	4.527	2.128	1.5	3.	7.	7.5
00080	COLOR (PLATINUM-COBALT UNITS)	10/12/71-06/18/80	18	10.	11.5	24.	5.	26.971	5.193	5.9	8.	13.5	20.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/71-06/18/80	18	162.5	164.944	197.	150.	129.938	11.399	152.7	157.	170.	186.2
00300	OXYGEN, DISSOLVED MG/L	10/12/71-06/18/80	17	13.7	14.506	18.	12.9	2.384	1.544	13.06	13.35	15.65	17.44
00400	PH (STANDARD UNITS)	10/12/71-06/18/80	17	7.8	7.776	8.2	7.1	0.092	0.303	7.34	7.55	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/12/71-06/18/80	17	7.8	7.67	8.2	7.1	0.104	0.322	7.34	7.55	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/71-06/18/80	17	0.016	0.021	0.079	0.006	0.	0.018	0.006	0.01	0.028	0.048
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/13/70-09/23/76	11	66.	65.273	71.	60.	8.218	2.867	60.4	63.	66.	70.2
00440	BICARBONATE ION (MG/L AS HCO3)	05/13/70-09/23/76	11	80.	79.455	86.	73.	12.273	3.503	73.4	77.	81.	85.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/18/80	18	0.045	0.049	0.1	0.01	0.001	0.025	0.019	0.028	0.07	0.082
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/11/72-06/18/80	13	0.06	0.065	0.15	0.	0.002	0.047	0.	0.03	0.105	0.138
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/18/80	17	0.04	0.047	0.08	0.02	0.	0.014	0.028	0.04	0.055	0.072
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/18/80	18	0.02	0.023	0.05	0.005	0.	0.014	0.005	0.01	0.033	0.041
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/70-09/23/76	11	74.	74.	85.	67.	19.8	4.45	67.8	71.	75.	83.2
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/13/70-09/23/76	11	7.	8.727	18.	5.	17.818	4.221	5.	6.	12.	17.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/13/70-09/23/76	11	21.	21.455	25.	19.	2.273	1.508	19.2	21.	22.	24.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/13/70-09/23/76	11	4.8	4.945	5.4	4.6	0.085	0.291	4.62	4.7	5.2	5.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/13/70-09/23/76	11	2.2	2.145	2.8	1.5	0.159	0.398	1.54	1.8	2.5	2.74
00931	SODIUM ADSORPTION RATIO	05/13/70-09/23/76	11	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00932	SODIUM, PERCENT	05/13/70-09/23/76	11	6.	5.818	8.	4.	1.564	1.25	4.	5.	7.	7.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/13/70-09/23/76	11	1.	1.109	2.2	0.9	0.139	0.373	0.9	0.9	1.1	2.
00940	CHLORIDE,TOTAL IN WATER MG/L	05/13/70-09/23/76	11	1.	1.291	2.	0.7	0.325	0.57	0.72	0.8	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/13/70-09/23/76	11	14.	14.727	17.	13.	1.418	1.191	13.2	14.	16.	16.8

** - 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 #3: 4/16 to 8/14 - Station CODA0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/70-06/18/80	20	11.2	11.71	17.2	7.4	8.643	2.94	8.	9.325	13.525	16.53
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/18/80	26	145500.	158200.	334000.	51000.	4001712000.	63259.086	80760.	127500.	177500.	257600.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-09/13/78	20	3.	3.5	9.	1.	4.158	2.039	1.	2.	4.	6.9
00080	COLOR (PLATINUM-COBALT UNITS)	10/12/71-06/18/80	27	15.	16.778	40.	8.	59.641	7.723	9.6	12.	17.	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/71-06/18/80	27	145.	146.148	172.	125.	209.362	14.469	129.8	133.	158.	170.
00300	OXYGEN, DISSOLVED MG/L	10/12/71-06/18/80	27	12.3	12.381	14.9	8.9	2.45	1.565	10.18	11.5	13.4	14.8
00400	PH (STANDARD UNITS)	10/12/71-06/18/80	27	7.8	7.852	8.3	7.3	0.057	0.239	7.58	7.7	8.	8.22
00400	CONVERTED PH (STANDARD UNITS)	10/12/71-06/18/80	27	7.8	7.79	8.3	7.3	0.061	0.247	7.58	7.7	8.	8.22
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/71-06/18/80	27	0.016	0.016	0.05	0.005	0.	0.009	0.006	0.01	0.02	0.026
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/13/70-09/23/76	18	55.5	57.	66.	47.	27.882	5.28	50.6	53.75	63.	64.2
00440	BICARBONATE ION (MG/L AS HCO3)	05/13/70-09/23/76	18	67.5	69.556	80.	57.	40.967	6.401	61.5	65.75	77.	78.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/18/80	27	0.05	0.056	0.21	0.01	0.002	0.04	0.01	0.03	0.07	0.096
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/11/72-06/18/80	20	0.005	0.021	0.09	0.	0.001	0.028	0.	0.	0.03	0.078
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/18/80	27	0.03	0.031	0.05	0.01	0.	0.012	0.02	0.02	0.04	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/18/80	27	0.005	0.009	0.03	0.	0.	0.007	0.	0.005	0.01	0.021
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/70-09/23/76	18	61.	64.722	77.	58.	39.389	6.276	58.9	60.	71.5	74.3
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/13/70-09/23/76	18	9.	7.611	11.	1.	10.252	3.202	1.9	5.75	10.25	11.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/13/70-09/23/76	18	18.	19.	22.	17.	3.059	1.749	17.	18.	20.25	22.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/13/70-09/23/76	18	4.	4.2	5.3	3.5	0.282	0.531	3.68	3.8	4.7	5.12
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/13/70-09/23/76	18	1.85	1.85	3.2	1.	0.306	0.553	1.09	1.4	2.15	2.66
00931	SODIUM ADSORPTION RATIO	05/13/70-09/23/76	18	0.1	0.106	0.2	0.1	0.001	0.024	0.1	0.1	0.1	0.11
00932	SODIUM, PERCENT	05/13/70-09/23/76	18	5.5	5.833	10.	3.	2.735	1.654	3.9	5.	7.	8.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/13/70-09/23/76	18	0.8	0.878	1.3	0.6	0.047	0.216	0.6	0.7	1.1	1.21
00940	CHLORIDE,TOTAL IN WATER MG/L	05/13/70-09/23/76	18	1.	1.	2.	0.2	0.284	0.532	0.2	0.775	1.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/13/70-09/23/76	18	10.5	11.778	16.	9.	6.654	2.579	9.	10.	15.	15.1

** - 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

Station Inventory for Station: CODA0071

NPS Station ID: CODA0071
LAT/LON: 47.965559/-118.981670
Agency: 21540000
Date Created: / /
Location: COLUMBIA R AT GRAND COULEE DAM
FIPS State/County: 53047 WASHINGTON/OKANOGAN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 53A070 /4753A070 /12436500
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0596.00
HUC: 17020005
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLUMBIA (LOWER LAKE ROOSEVELT-53)
ECO Region:
RF1 Index: 17020005018
RF1 Mile Point: 14.910
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
LOCATED AT THE COULEE DAM BRIDGE .5 MILES BELOW GRAND COULEE DAM NORTH EASTERN REGION
15 QUAD- GRAND COULEE DAM ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 950

Parameter Inventory for Station: CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	206	10.9	10.56	19.3	0.6	31.66	5.627	3.	5.3	15.825	18.
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	346	112000.	124786.821	359400.	40000.	4387936981.748	66241.505	59387.	73050.	150000.	209100.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/26/77-09/13/78	11	101000.	107609.091	139000.	70000.	609076909.091	24679.484	71580.	86800.	134000.	138400.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	151	2.	2.713	9.	0.5	3.5	1.871	1.	1.	4.	5.8
00080p	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	177	12.	11.718	42.	0.5	42.65	6.531	4.	8.	15.	20.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	360	145.	146.314	248.	110.	255.637	15.989	128.1	135.	156.	166.
00300	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	204	11.5	11.339	18.	7.6	4.477	2.116	8.6	9.5	13.	13.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	155	99.9	100.997	130.7	81.	98.872	9.943	89.36	93.5	107.6	114.76
00310	BOD, 5 DAY, 20 DEG C MG/L	04/25/72-07/11/72	2	## 1.	1.	1.	1.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	302	7.6	7.656	9.2	6.7	0.108	0.329	7.3	7.4	7.8	8.07
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	302	7.6	7.543	9.2	6.7	0.121	0.348	7.3	7.4	7.8	8.07
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	302	0.025	0.029	0.2	0.001	0.	0.022	0.009	0.016	0.04	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/71-09/23/76	50	58.5	58.82	71.	47.	33.538	5.791	51.	54.	64.	66.
00440p	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	150	76.	74.873	92.	57.	40.34	6.351	66.1	70.75	80.	83.
00445	CARBONATE ION (MG/L AS CO3)	12/11/48-06/24/76	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	151	2.	2.162	16.	0.	4.252	2.062	0.5	1.	3.	4.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	202	0.03	0.045	0.52	0.	0.004	0.063	0.005	0.01	0.053	0.087
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/15/88-11/14/90	30	## 0.005	0.005	0.01	0.001	0.	0.001	0.005	0.005	0.005	0.005
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	111	## 0.005	0.006	0.03	0.	0.	0.005	0.003	0.005	0.005	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	206	0.195	0.397	2.3	0.005	0.15	0.387	0.04	0.1	0.6	0.9
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/71-03/15/78	50	0.215	0.274	0.93	0.04	0.031	0.175	0.091	0.16	0.42	0.48
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/75-11/14/90	96	0.1	0.116	1.6	0.005	0.027	0.165	0.03	0.05	0.14	0.18
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	197	0.03	0.035	0.88	0.005	0.004	0.063	0.01	0.02	0.04	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	200	0.01	0.015	0.24	0.	0.	0.019	0.	0.006	0.02	0.03
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	149	70.	69.738	85.	53.	41.546	6.446	61.	65.	74.	78.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	149	8.	8.195	18.	0.	8.982	2.997	5.	6.	10.	12.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	148	20.	20.453	26.	16.	3.855	1.963	18.	19.	22.	23.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	148	4.6	4.497	6.2	0.5	0.577	0.759	3.7	4.	5.	5.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	130	1.9	1.973	3.6	1.	0.249	0.499	1.4	1.6	2.3	2.6
00931	SODIUM ADSORPTION RATIO	10/12/71-09/26/72	22	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00932	SODIUM, PERCENT	10/12/71-09/26/72	22	5.	4.909	7.	3.	1.42	1.192	4.	4.	5.25	7.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	93	1.	1.339	5.3	0.2	0.715	0.845	0.7	0.9	1.4	2.66
00940p	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	147	1.	1.124	17.	0.2	1.956	1.398	0.5	0.8	1.	2.

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

Parameter Inventory for Station: CODA0071

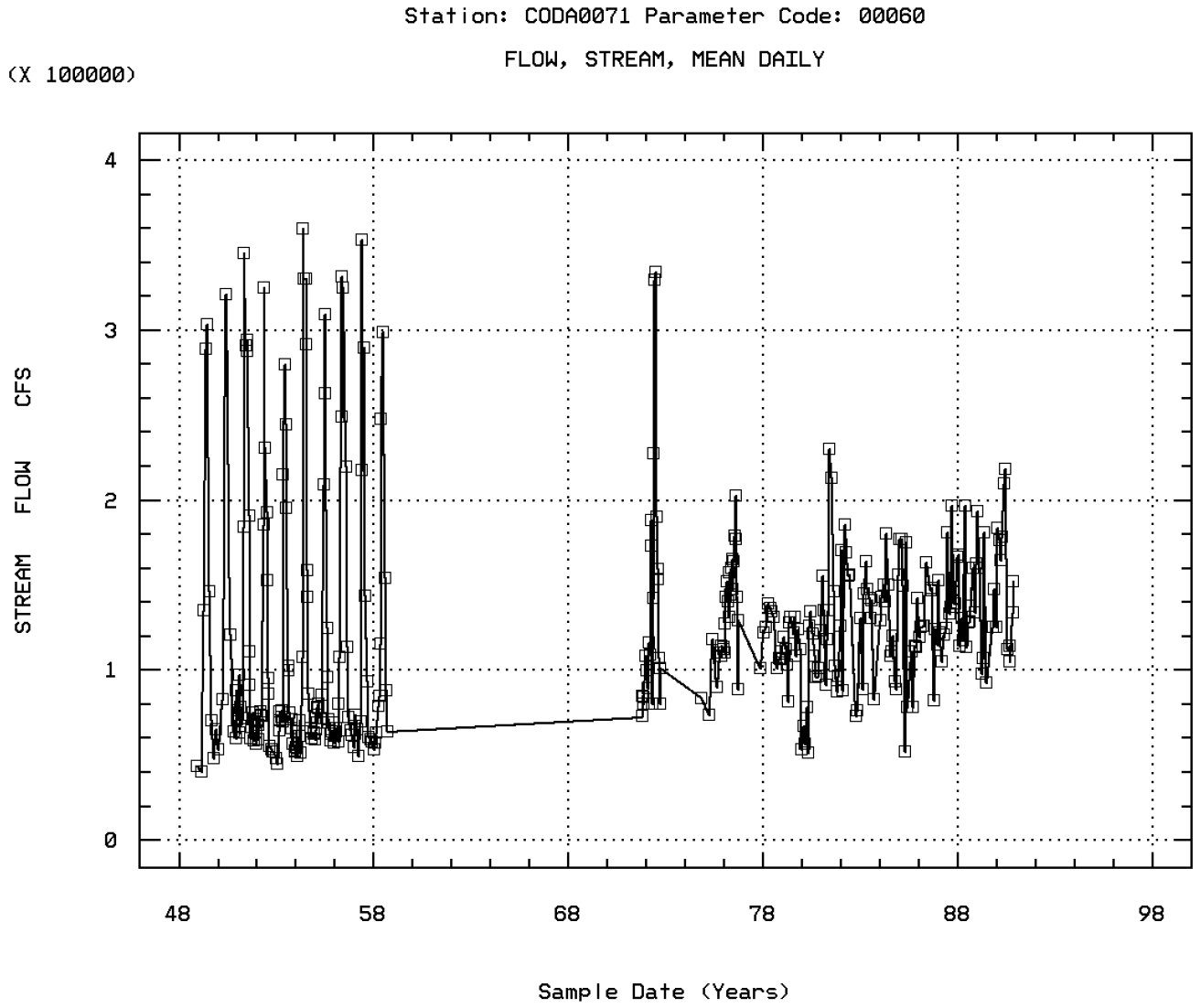
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945p	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	149	12.	12.503	18.	6.	6.157	2.481	10.	11.	14.	16.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/11/48-07/31/58	45	0.1	0.14	0.3	0.	0.008	0.089	0.	0.1	0.2	0.24
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/11/48-02/22/72	99	7.	8.687	160.	4.1	238.897	15.456	5.1	5.9	8.3	9.5
01020	BORON, DISSOLVED (UG/L AS B)	12/11/48-07/31/58	49	0.04	0.039	0.09	0.	0.001	0.025	0.	0.01	0.06	0.08
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/11/72-09/26/72	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/71-12/14/71	4	3.	2.5	4.	0.	3.667	1.915	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/12/71-09/26/72	21	2.	2.	9.	0.	3.2	1.789	1.	1.	2.	3.
01045	IRON, TOTAL (UG/L AS FE)	12/11/48-10/31/57	40	0.02	0.035	0.3	0.	0.003	0.054	0.01	0.01	0.04	0.06
01049	LEAD, DISSOLVED (UG/L AS PB)	10/12/71-09/26/72	21	3.	3.143	7.	0.	4.729	2.175	0.2	1.5	5.	6.8
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/12/71-09/26/72	21	30.	37.619	120.	10.	939.048	30.644	10.	20.	45.	98.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/27/76-05/27/76	1	22.	22.	22.	22.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/27/76-05/27/76	1	1.342	1.342	1.342	1.342	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			22.								
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	10/12/71-09/23/76	49	21.	92.	600.	1.	20127.406	141.871	2.5	10.	100.	400.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	10/12/71-09/23/76	49	1.322	1.46	2.778	0.	0.51	0.714	0.398	1.	2.	2.602
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			28.847								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	180 ##	0.5	1.833	20.	0.	11.651	3.413	0.5	0.5	1.	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	180 ##	-0.301	-0.067	1.301	-0.301	0.18	0.424	-0.301	-0.301	0.	1.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.857								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/11/48-09/26/72	173	88.	90.329	180.	71.	164.711	12.834	78.	82.	96.	103.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/71-10/19/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/12/71-09/26/72	22	0.13	0.142	0.24	0.11	0.001	0.032	0.11	0.12	0.163	0.177
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/71-09/26/72	21	0.3	0.338	1.	0.	0.075	0.275	0.	0.15	0.55	0.78
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/86-11/14/90	51	0.5	0.943	3.	0.4	0.475	0.689	0.5	0.5	1.	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

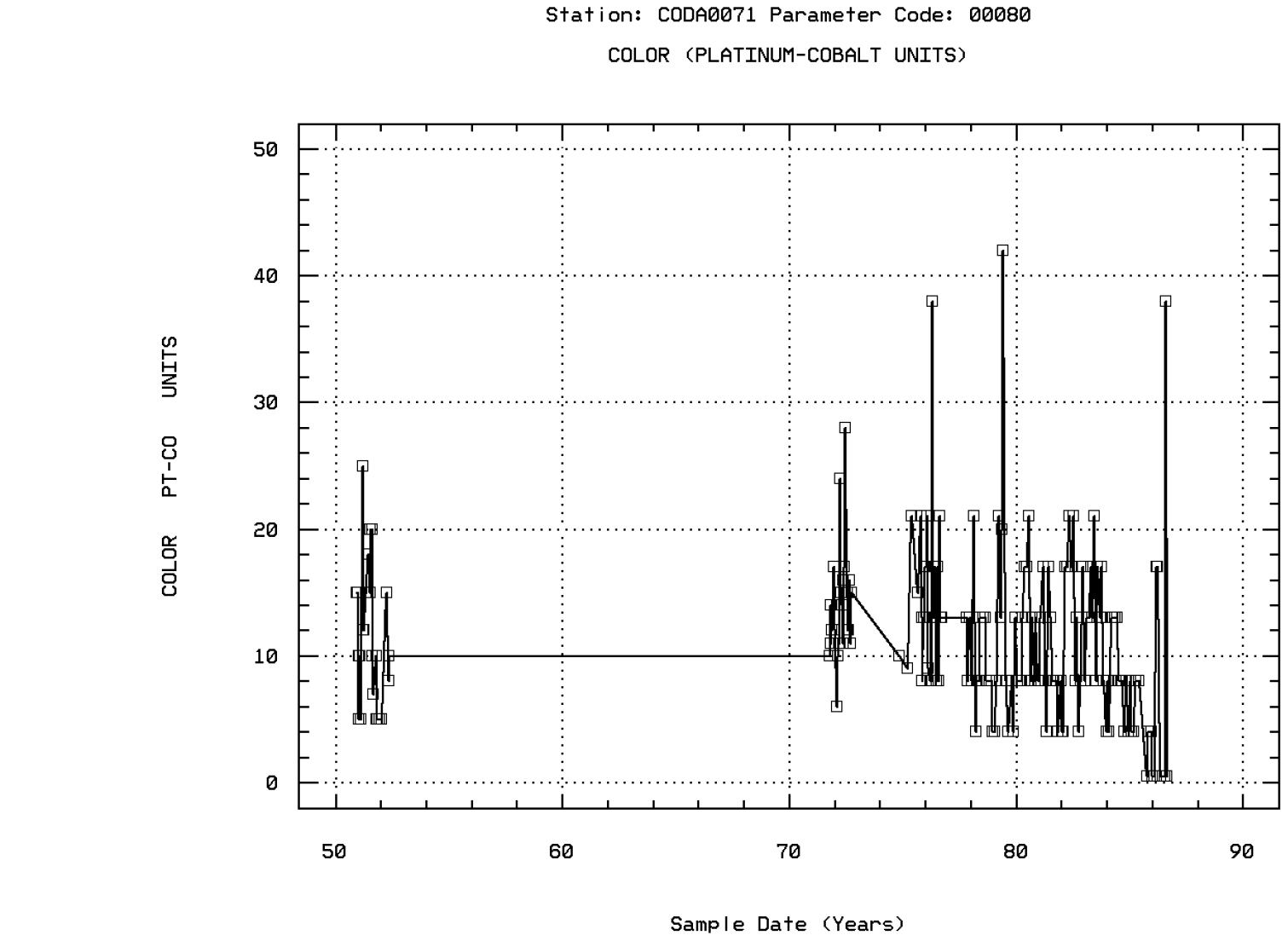
EPA Water Quality Criteria Analysis for Station: CODA0071

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	151	0	0.00	67	0	0.00	36	0	0.00	48	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	204	0	0.00	94	0	0.00	47	0	0.00	63	0	0.00			
00400	PH	Other-Hi Lim.	9.	302	1	0.00	134	0	0.00	69	0	0.00	99	1	0.01			
		Other-Lo Lim.	6.5	302	0	0.00	134	0	0.00	69	0	0.00	99	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	30	0	0.00	15	0	0.00	6	0	0.00	9	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	111	0	0.00	50	0	0.00	27	0	0.00	34	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	206	0	0.00	88	0	0.00	49	0	0.00	69	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	96	0	0.00	47	0	0.00	21	0	0.00	28	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	147	0	0.00	60	0	0.00	33	0	0.00	54	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	149	0	0.00	62	0	0.00	33	0	0.00	54	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	17	0	0.00	4	0	0.00	5	0	0.00	8	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	4	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	21	0	0.00	8	0	0.00	5	0	0.00	8	0	0.00			
		Drinking Water	1300.	21	0	0.00	8	0	0.00	5	0	0.00	8	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	21	0	0.00	8	0	0.00	5	0	0.00	8	0	0.00			
		Drinking Water	5.	21	6	0.29	8	0	0.00	5	3	0.60	8	3	0.38			
01090	ZINC, DISSOLVED	Fresh Acute	120.	21	1	0.05	8	0	0.00	5	1	0.20	8	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.	180	0	0.00	82	0	0.00	44	0	0.00	54	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	21	0	0.00	8	0	0.00	5	0	0.00	8	0	0.00			
		Drinking Water	2.	21	0	0.00	8	0	0.00	5	0	0.00	8	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	51	0	0.00	25	0	0.00	11	0	0.00	15	0	0.00			

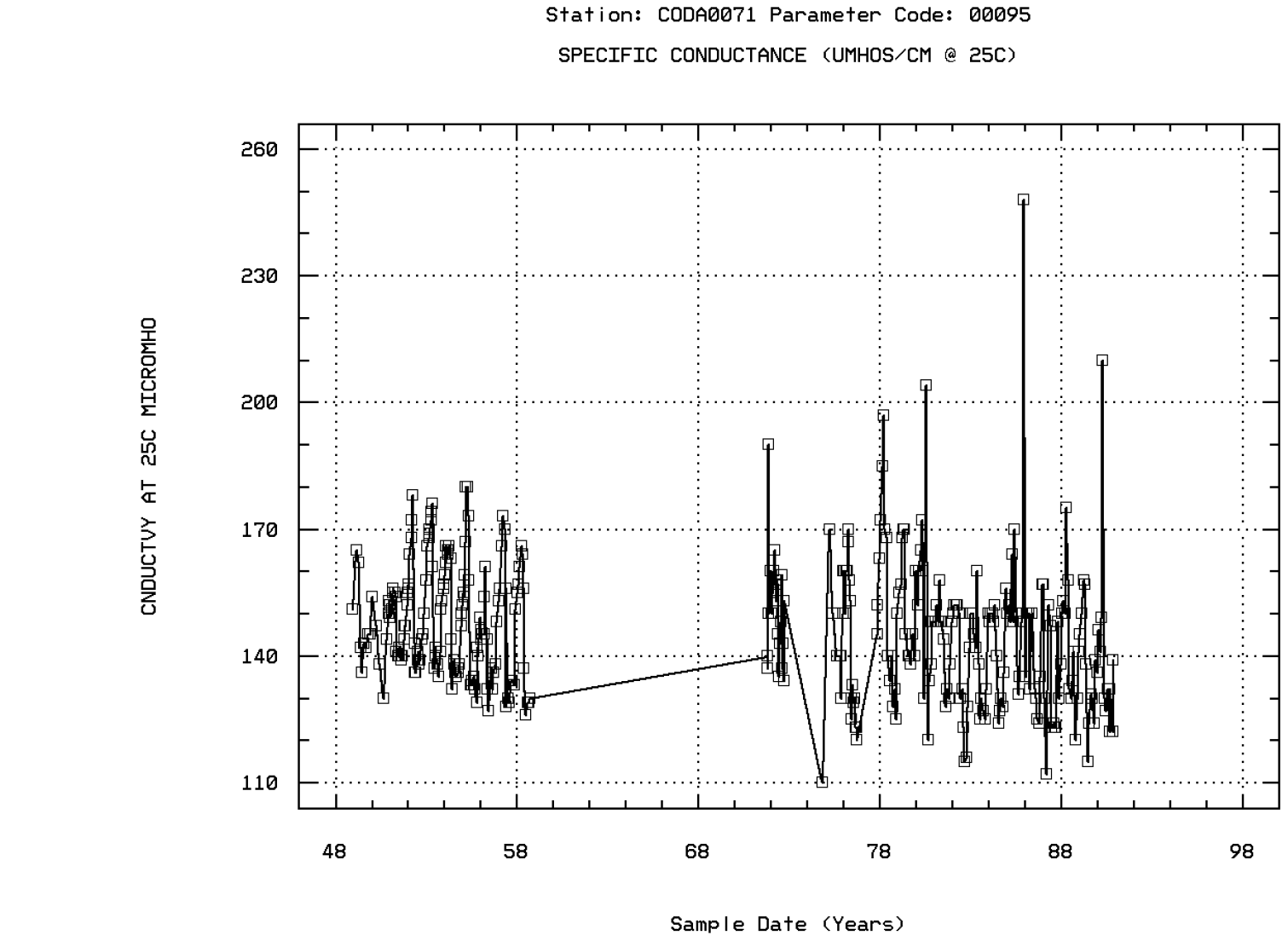
& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter



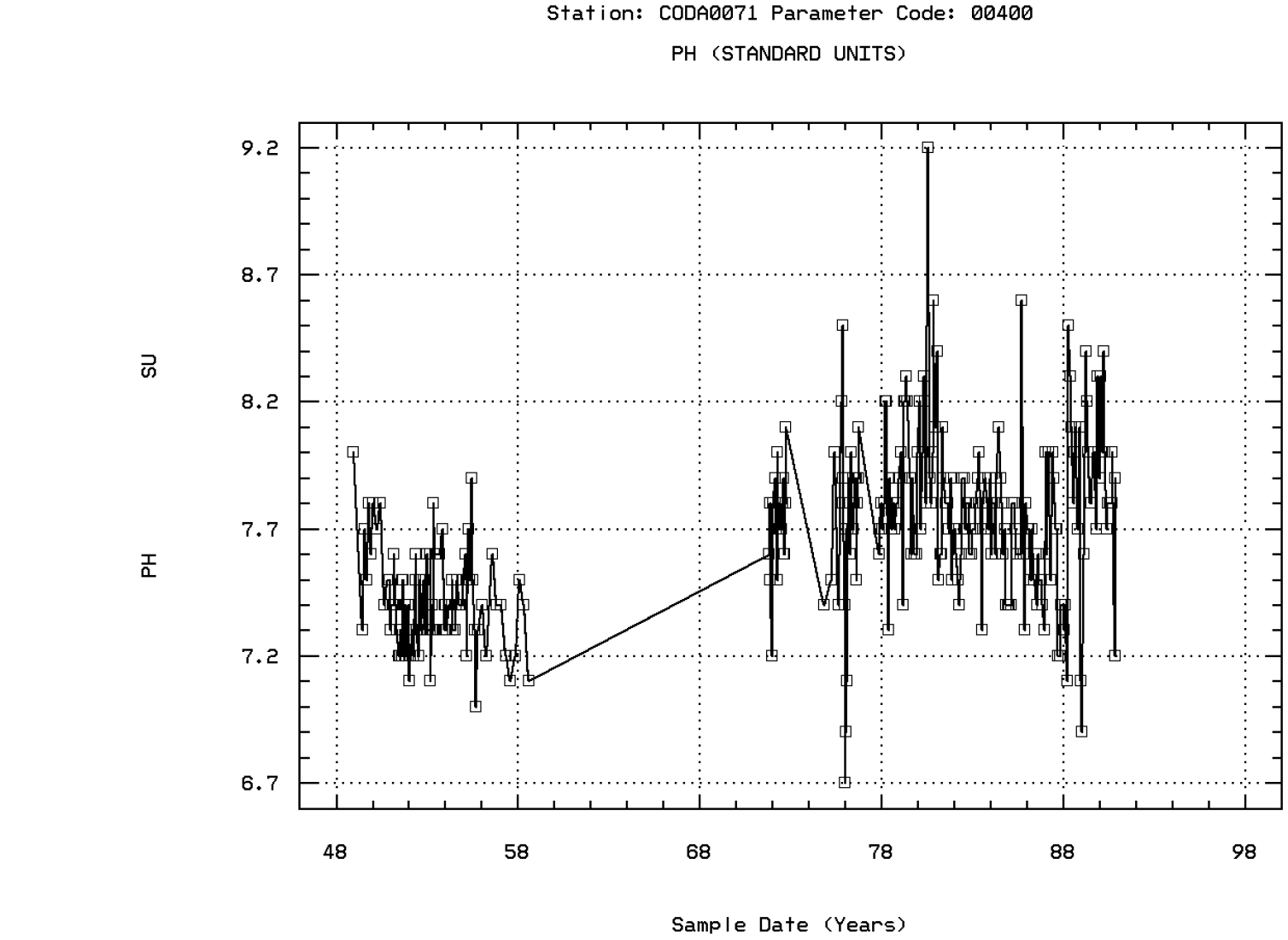
COLUMBIA R AT GRAND COULEE DAM



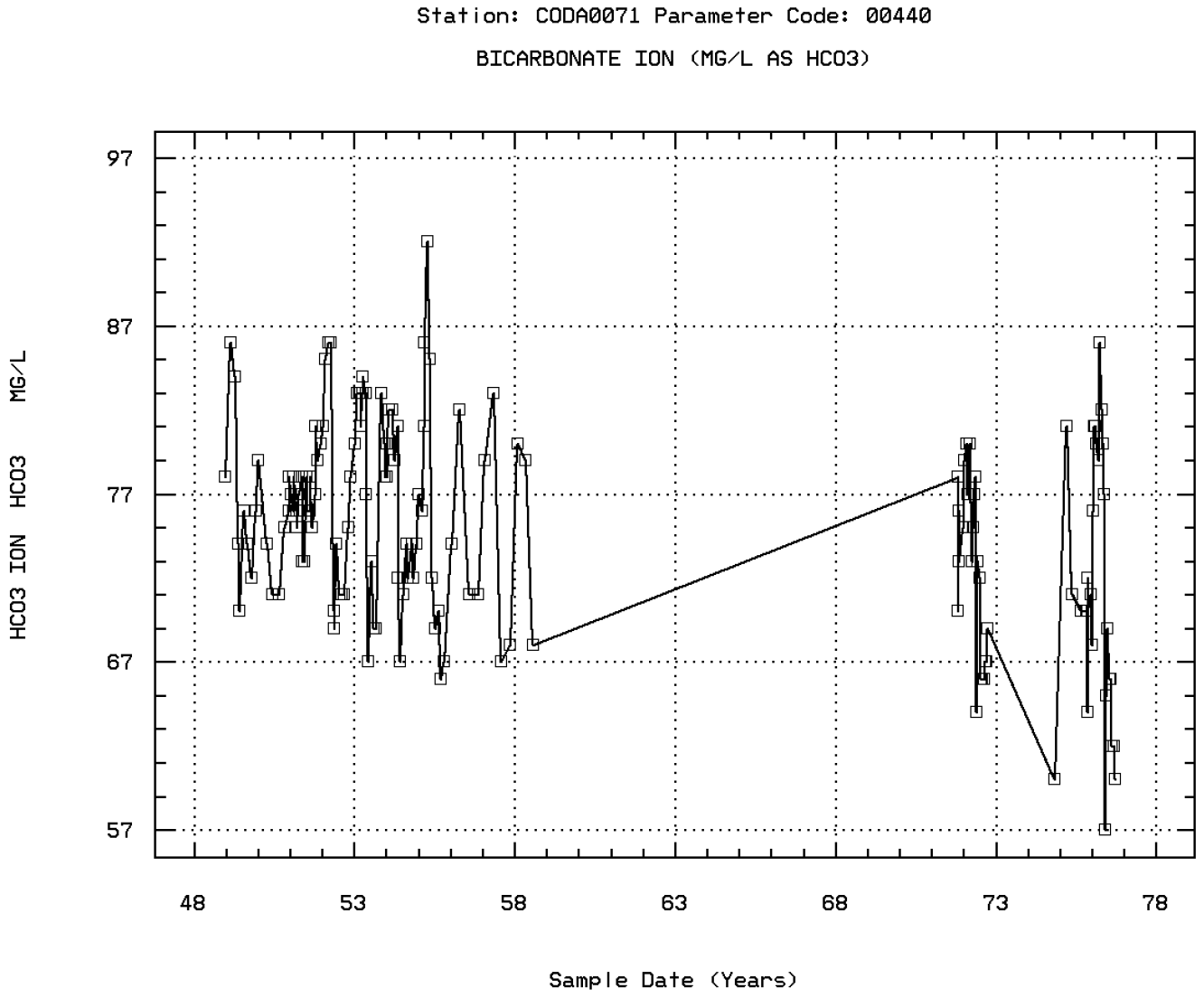
COLUMBIA R AT GRAND COULEE DAM



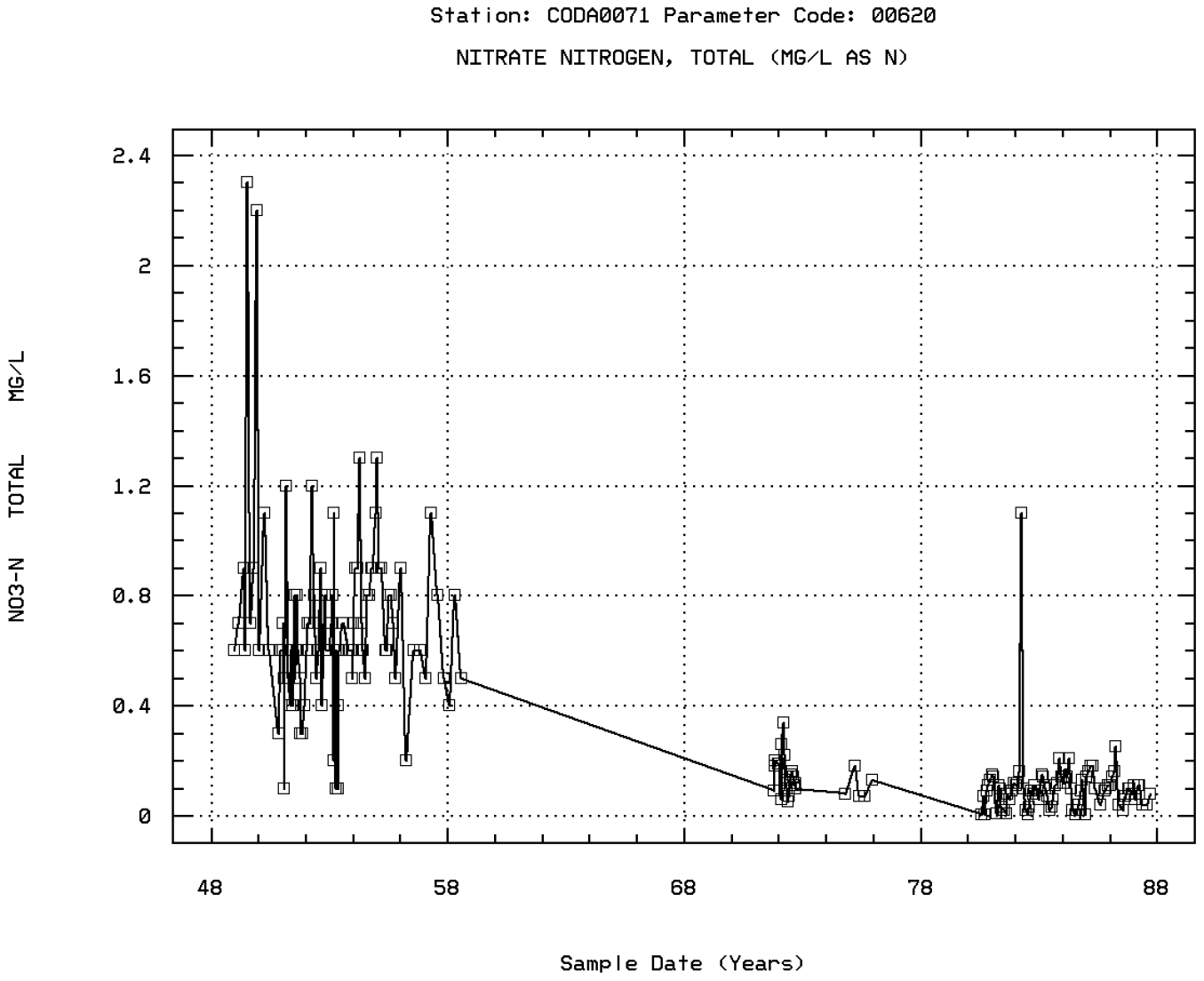
COLUMBIA R AT GRAND COULEE DAM



COLUMBIA R AT GRAND COULEE DAM



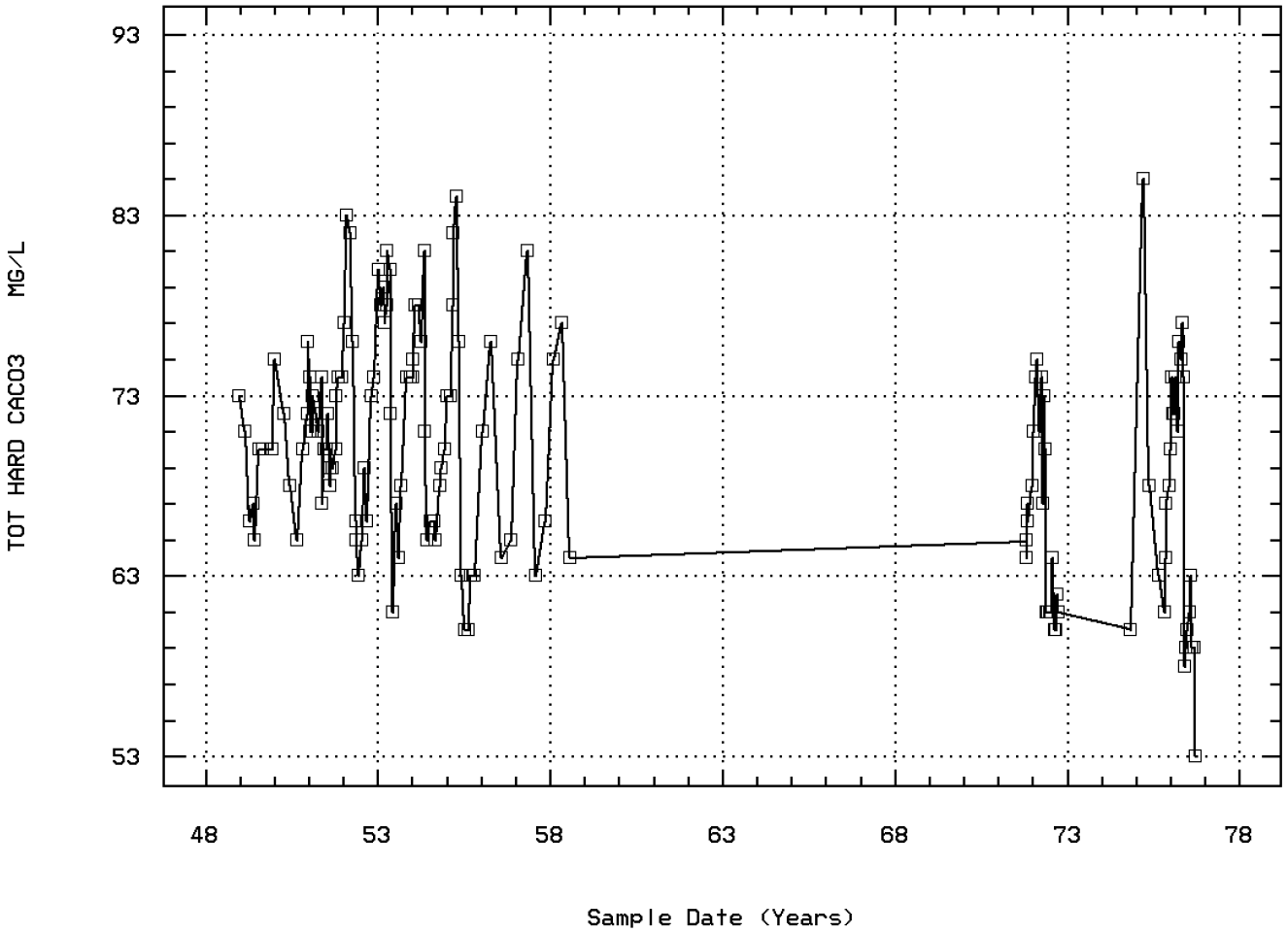
COLUMBIA R AT GRAND COULEE DAM



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00900

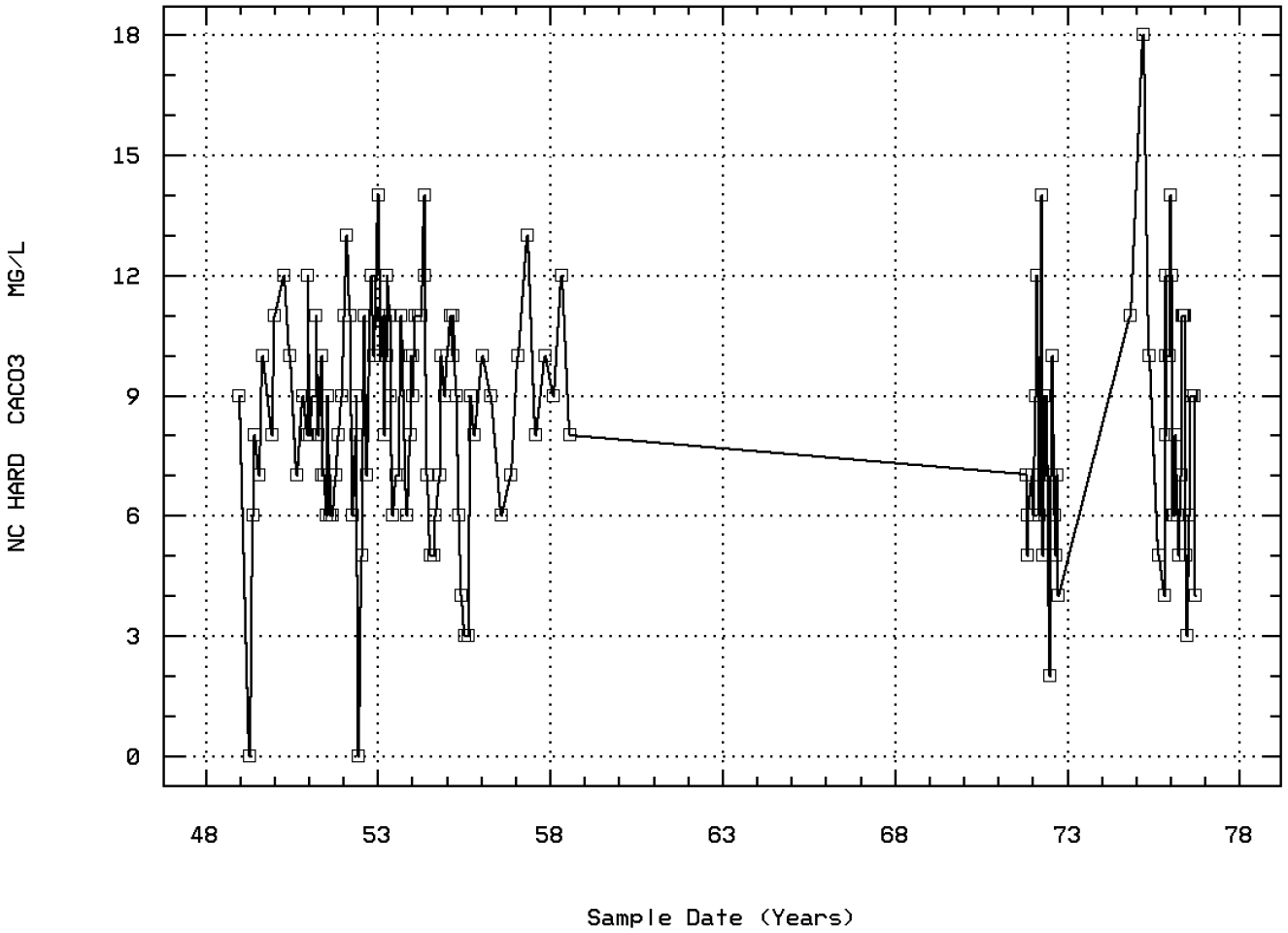
HARDNESS, TOTAL (MG/L AS CACO3)



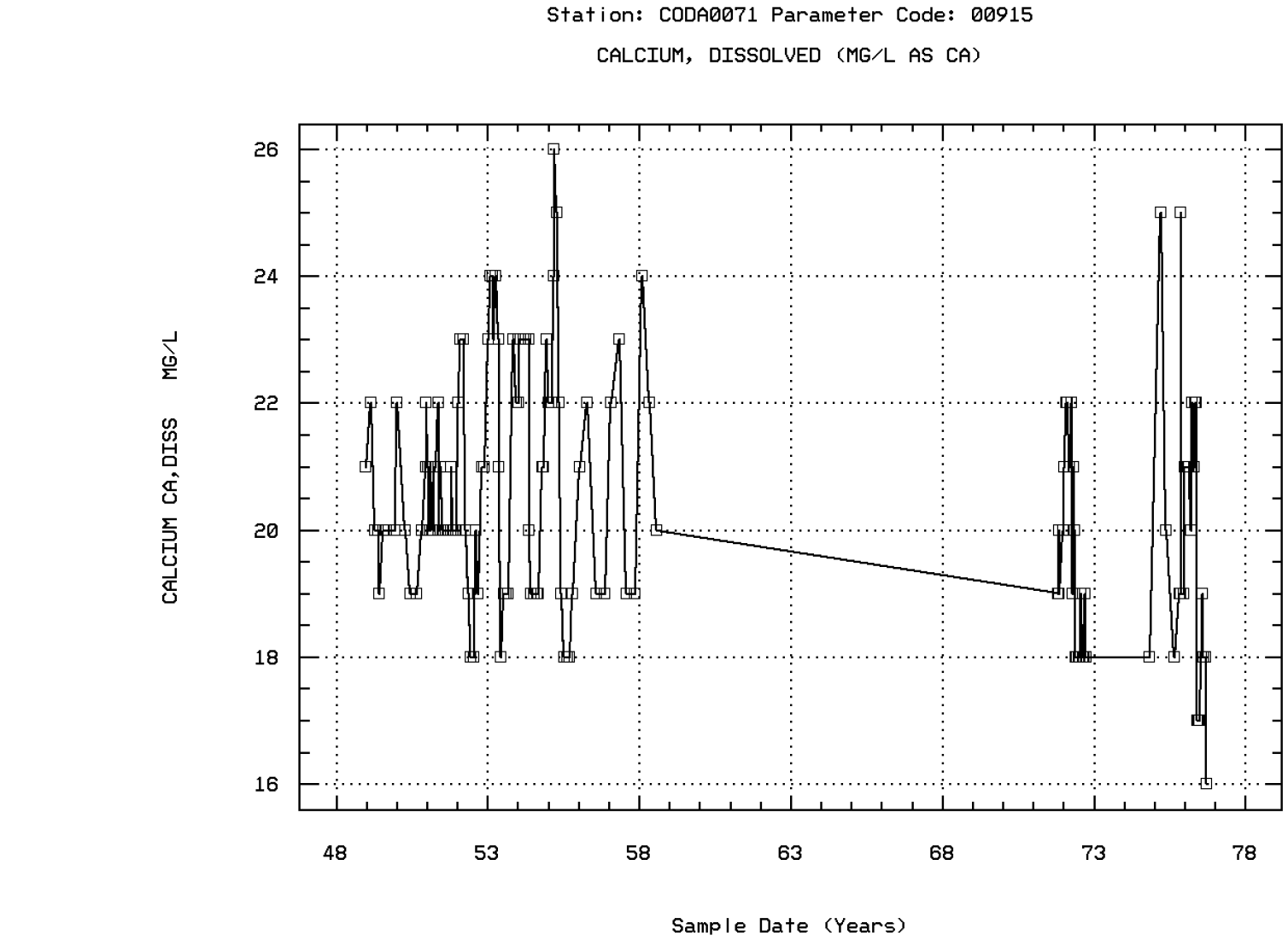
COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00902

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



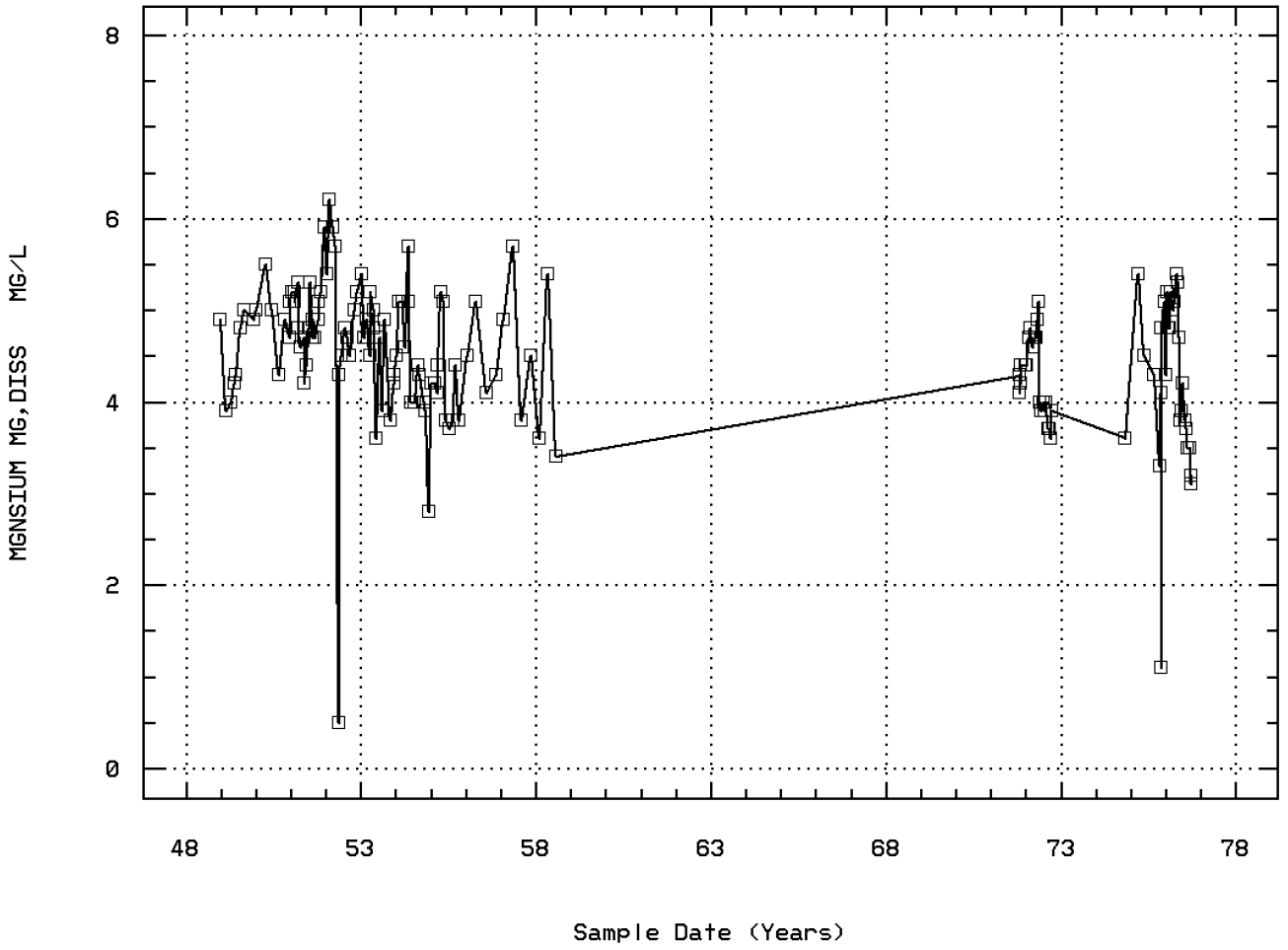
COLUMBIA R AT GRAND COULEE DAM



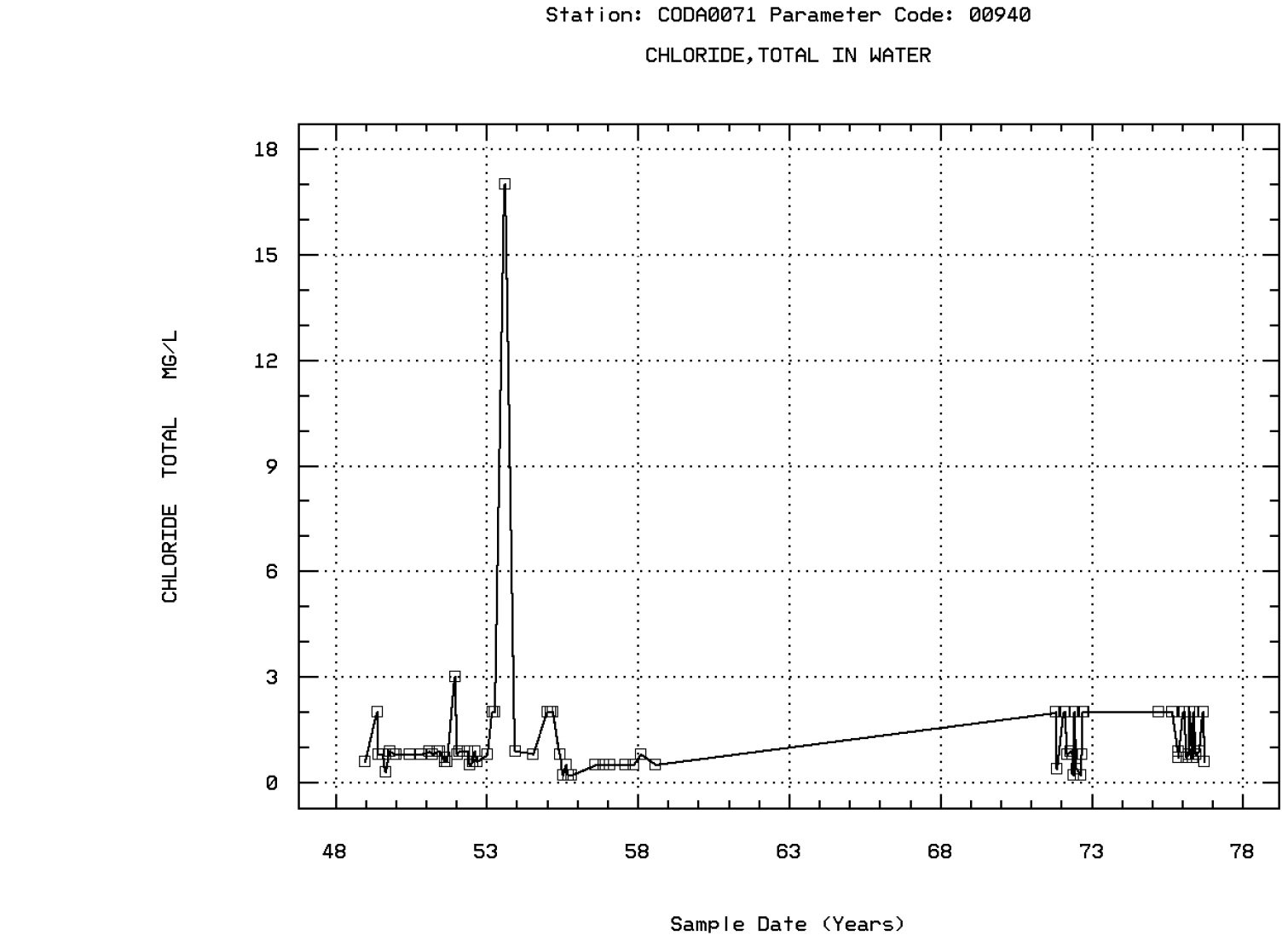
COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00925

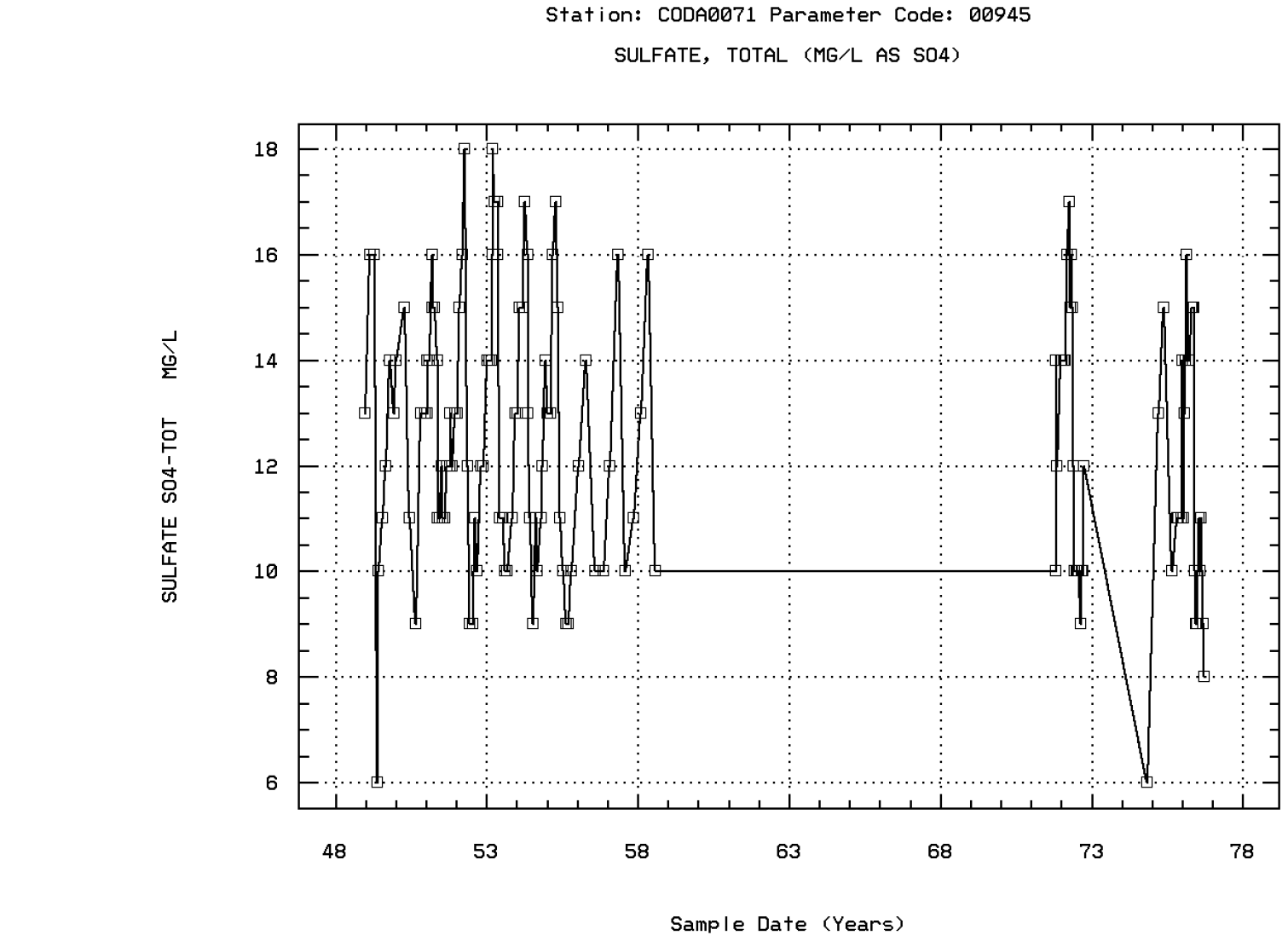
MAGNESIUM, DISSOLVED (MG/L AS MG)



COLUMBIA R AT GRAND COULEE DAM



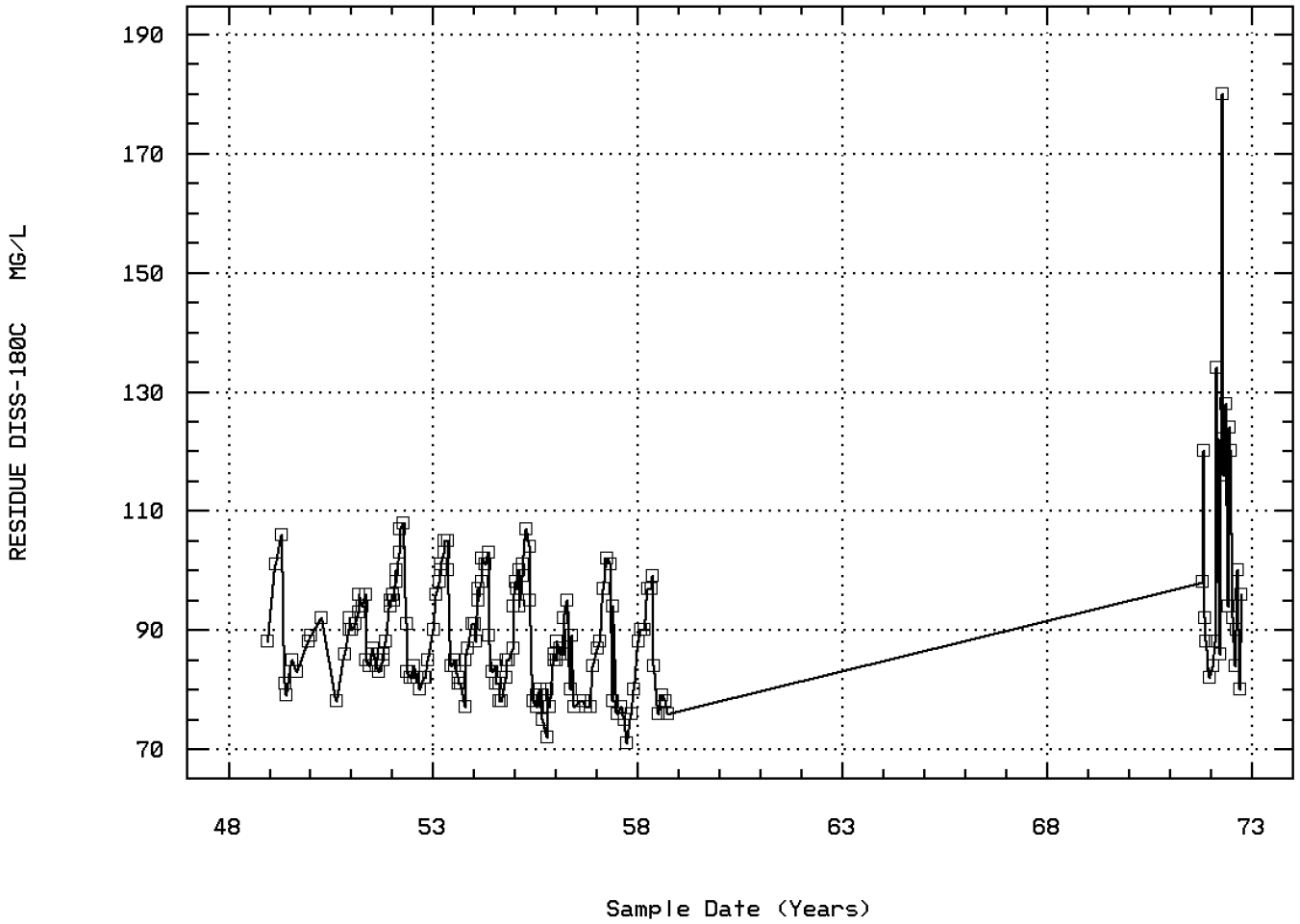
COLUMBIA R AT GRAND COULEE DAM



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 70300

RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



COLUMBIA R AT GRAND COULEE DAM

Annual Analysis for 1948 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	1	43200.	43200.	43200.	43200.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	1	151.	151.	151.	151.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/11/48-02/22/72	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/11/48-09/26/72	1	88.	88.	88.	88.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	8	102250.	136900.	303400.	40000.11131188571.429		105504.448	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	8	144.	147.5	165.	136.	106.	10.296	**	**	**	**
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	5	7.6	7.58	7.8	7.3	0.037	0.192	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	5	7.6	7.545	7.8	7.3	0.039	0.196	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	5	0.025	0.029	0.05	0.016	0.	0.013	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	8	75.	76.5	86.	70.	31.714	5.632	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	8	0.9	1.163	2.3	0.6	0.468	0.684	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	7	70.	68.429	71.	65.	5.619	2.37	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	7	7.	5.714	10.	0.	14.238	3.773	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	7	20.	20.143	22.	19.	0.81	0.9	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	7	4.3	4.443	5.	3.9	0.203	0.45	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	3	1.6	1.6	1.7	1.5	0.01	0.1	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	3	1.	0.967	1.3	0.6	0.123	0.351	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	8	0.85	0.95	2.	0.3	0.229	0.478	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	8	12.5	12.25	16.	6.	11.071	3.327	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/11/48-02/22/72	8	6.5	7.025	12.	4.1	6.174	2.485	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/11/48-09/26/72	7	85.	89.	106.	79.	108.333	10.408	**	**	**	**

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

Annual Analysis for 1950 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	7	82200.	112498.571	320800.	53400.	8949390514.286	94601.218	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	2	15.	15.	15.	15.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	7	147.	145.143	154.	130.	74.81	8.649	**	**	**	**
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	7	7.5	7.6	7.8	7.4	0.027	0.163	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	7	7.5	7.575	7.8	7.4	0.027	0.166	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	7	0.032	0.027	0.04	0.016	0.	0.009	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	7	75.	74.857	79.	71.	9.81	3.132	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	7	0.6	0.686	1.1	0.3	0.075	0.273	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	7	72.	71.143	76.	65.	14.81	3.848	**	**	**	**

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

Annual Analysis for 1950 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	7	10.	9.857	12.	7.	3.81	1.952	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	7	20.	20.429	22.	19.	1.619	1.272	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	7	5.	4.929	5.5	4.3	0.136	0.368	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	6	1.65	1.683	2.1	1.3	0.07	0.264	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	6	1.4	1.433	2.2	1.	0.179	0.423	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	5	0.8	0.88	1.	0.8	0.012	0.11	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	7	13.	12.571	15.	9.	3.952	1.988	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/11/48-02/22/72	7	6.9	6.643	8.9	4.5	2.596	1.611	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/11/48-09/26/72	6	89.5	87.833	92.	78.	28.167	5.307	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	21	76060.	128484.286	345300.	56080.	9035389735.714	95054.667	58390.	65090.	187150.	293040.
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	19	10.	11.789	25.	5.	35.842	5.987	5.	5.	15.	20.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	21	147.	147.095	156.	139.	38.99	6.244	140.	140.	153.	155.
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	20	7.35	7.345	7.6	7.2	0.013	0.115	7.2	7.225	7.4	7.5
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	20	7.347	7.331	7.6	7.2	0.013	0.115	7.2	7.225	7.4	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	20	0.045	0.047	0.063	0.025	0.	0.012	0.032	0.04	0.06	0.063
00440	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	20	77.	76.8	81.	73.	4.063	2.016	73.2	76.	78.	79.9
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	19	0.5	0.568	1.2	0.1	0.066	0.256	0.3	0.4	0.7	1.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	20	71.	71.2	74.	67.	4.379	2.093	68.1	70.	73.	74.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	20	8.	7.85	11.	6.	2.029	1.424	6.	7.	9.	9.9
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	19	20.	20.421	22.	20.	0.368	0.607	20.	20.	21.	21.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	19	4.9	4.958	5.9	4.2	0.148	0.385	4.4	4.7	5.2	5.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	16	1.95	1.994	2.9	1.3	0.246	0.496	1.44	1.55	2.275	2.83
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	16	2.7	2.644	5.3	0.8	1.356	1.164	1.01	1.65	3.35	4.25
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	20	1.	1.	3.	0.6	0.244	0.494	0.6	0.825	1.	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	20	12.5	12.75	16.	11.	2.513	1.585	11.	11.	14.	15.
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/11/48-02/22/72	20	7.3	7.635	11.	5.3	3.051	1.747	5.5	6.225	8.75	10.9
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/11/48-09/26/72	20	89.	89.15	96.	83.	19.292	4.392	84.	85.	93.75	95.9

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Annual Analysis for 1952 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	19	72900.	105967.895	324700.	47910.	5763253539.766	75916.095	51580.	55370.	152300.	230500.
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	4	9.	9.5	15.	5.	17.667	4.203	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	19	145.	150.895	178.	136.	178.211	13.35	136.	139.	164.	172.
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	13	7.3	7.354	7.6	7.1	0.028	0.166	7.14	7.2	7.5	7.6
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	13	7.3	7.326	7.6	7.1	0.029	0.169	7.14	7.2	7.5	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	13	0.05	0.047	0.079	0.025	0.	0.017	0.025	0.032	0.063	0.073
00440	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	13	75.	76.692	86.	69.	40.397	6.356	69.4	71.	83.	86.
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	13	0.7	0.7	1.2	0.4	0.04	0.2	0.44	0.6	0.8	1.08
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	13	73.	72.231	83.	63.	49.192	7.014	63.8	65.5	78.5	82.6
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	13	10.	9.	14.	0.	14.5	3.808	2.	6.5	11.5	13.6
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	13	20.	20.462	23.	18.	3.436	1.854	18.	19.	22.5	23.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	13	5.	4.777	6.2	0.5	1.985	1.409	2.02	4.5	5.55	6.08
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	3	1.8	1.733	1.8	1.6	0.013	0.115	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	13	0.9	0.838	1.	0.5	0.029	0.171	0.54	0.7	1.	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	13	12.	12.538	18.	9.	7.103	2.665	9.	10.5	14.5	17.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/11/48-02/22/72	12	6.8	6.975	10.	4.6	2.617	1.618	4.75	5.525	7.9	9.73

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Annual Analysis for 1952 - Station CODA0071

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	12/11/48-09/26/72	19	85.	90.105	108.	80.	88.988	9.433	82.	82.	98.	107.

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Annual Analysis for 1953 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	19	72340.	104203.684	279700.	44350.	5123280846.784	71577.097	51830.	64170.	102200.	243900.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	19	156.	154.947	176.	135.	208.608	14.443	137.	140.	169.	174.
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	15	7.4	7.46	7.8	7.1	0.038	0.196	7.22	7.3	7.6	7.74
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	15	7.4	7.419	7.8	7.1	0.04	0.2	7.22	7.3	7.6	7.74
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	15	0.04	0.038	0.079	0.016	0.	0.017	0.018	0.025	0.05	0.062
00440	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	15	81.	78.4	84.	67.	36.114	6.01	68.2	73.	83.	83.4
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	15	0.6	0.58	1.1	0.1	0.085	0.291	0.1	0.4	0.7	1.04
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	15	74.	73.667	81.	61.	37.381	6.114	62.8	68.	78.	80.4
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	15	10.	9.133	12.	6.	3.981	1.995	6.	7.	11.	11.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	15	23.	21.867	24.	18.	4.552	2.134	18.6	19.	24.	24.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	15	4.7	4.533	5.2	3.6	0.224	0.473	3.72	4.2	4.9	5.08
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	15	2.2	2.213	2.8	1.2	0.183	0.427	1.5	2.	2.5	2.74
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	15	1.	2.193	17.	0.9	16.904	4.111	0.96	1.	1.	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	15	14.	13.867	18.	10.	7.981	2.825	10.	11.	17.	17.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/11/48-02/22/72	15	7.8	7.607	9.5	5.9	1.328	1.152	6.02	6.6	8.6	9.26
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/11/48-09/26/72	19	91.	91.368	105.	77.	85.135	9.227	81.	84.	100.	105.

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Annual Analysis for 1954 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	20	64710.	126143.5	359400.	49460.	11646170887.105	107917.426	51644.	60155.	154450.	330170.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	20	145.5	148.65	166.	132.	163.397	12.783	135.1	137.	162.75	165.9
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	14	7.4	7.386	7.5	7.3	0.004	0.066	7.3	7.3	7.4	7.5
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	14	7.4	7.381	7.5	7.3	0.004	0.066	7.3	7.3	7.4	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	14	0.04	0.042	0.05	0.032	0.	0.006	0.032	0.04	0.05	0.05
00440	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	14	74.	75.571	82.	67.	22.264	4.718	69.	72.	80.25	82.
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	14	0.8	0.807	1.3	0.5	0.047	0.216	0.55	0.6	0.9	1.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	14	70.5	71.571	81.	65.	29.187	5.402	65.	66.	76.5	79.5
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	14	9.5	9.071	14.	5.	7.456	2.731	5.	6.75	11.	13.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	14	21.5	21.286	23.	19.	3.143	1.773	19.	19.	23.	23.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	14	4.45	4.429	5.7	2.8	0.501	0.708	3.35	4.	5.1	5.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	14	1.9	1.95	2.7	1.5	0.149	0.386	1.5	1.6	2.225	2.65
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	3	0.8	0.833	0.9	0.8	0.003	0.058	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	14	1.	0.986	1.	0.8	0.003	0.053	0.9	1.	1.	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	14	13.	12.857	17.	9.	5.516	2.349	9.5	11.	15.	16.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/11/48-02/22/72	14	6.25	6.421	8.9	4.5	2.313	1.521	4.6	4.85	7.85	8.75
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/11/48-09/26/72	20	87.5	89.1	103.	78.	65.042	8.065	78.3	82.25	96.5	101.9

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Annual Analysis for 1955 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	20	70985.	101748.	308800.	57090.	5153929795.789	71790.875	58522.	63922.5	93042.5	257400.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	20	149.	149.35	180.	129.	267.292	16.349	132.1	133.25	158.75	179.3
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	11	7.5	7.455	7.9	7.	0.061	0.246	7.04	7.3	7.6	7.86
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	11	7.5	7.391	7.9	7.	0.065	0.255	7.04	7.3	7.6	7.86
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	11	0.032	0.041	0.1	0.013	0.001	0.024	0.014	0.025	0.05	0.093
00440	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	11	76.	76.455	92.	66.	74.273	8.618	66.2	69.	85.	90.8
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	10	0.8	0.81	1.3	0.5	0.054	0.233	0.51	0.6	0.925	1.27
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	11	73.	70.455	84.	60.	80.273	8.96	60.	63.	78.	83.6
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	11	9.	7.636	11.	3.	9.655	3.107	3.	4.	10.	11.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	11	22.	21.182	26.	18.	8.764	2.96	18.	18.	24.	25.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	11	4.2	4.245	5.2	3.7	0.261	0.511	3.72	3.8	4.4	5.18
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	11	2.1	2.373	3.6	1.5	0.556	0.746	1.52	1.8	3.3	3.56
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	3	1.1	1.167	1.3	1.1	0.013	0.115	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	10	0.9	0.99	2.	0.2	0.579	0.761	0.2	0.2	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	10	12.	12.3	17.	9.	8.678	2.946	9.	9.75	15.25	16.9
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/11/48-02/22/72	10	8.1	7.84	11.	4.1	4.387	2.095	4.22	6.35	9.175	10.9
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/11/48-09/26/72	20	85.5	88.15	107.	72.	125.608	11.207	75.2	78.25	98.75	103.7

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Annual Analysis for 1956 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	16	68905.	124320.625	331300.	54430.	9617974846.25	98071.274	56859.	61970.	192950.	326750.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	16	144.5	142.938	161.	127.	80.063	8.948	130.5	136.25	147.5	156.1
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	4	7.4	7.4	7.6	7.2	0.027	0.163	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	4	7.4	7.377	7.6	7.2	0.027	0.165	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	4	0.04	0.042	0.063	0.025	0.	0.016	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	4	72.5	74.5	82.	71.	27.	5.196	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	4	0.6	0.575	0.9	0.2	0.083	0.287	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	4	68.	69.	76.	64.	31.333	5.598	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	4	8.	8.	10.	6.	3.333	1.826	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	4	20.	20.25	22.	19.	2.25	1.5	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	4	4.4	4.5	5.1	4.1	0.187	0.432	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	4	2.	1.975	2.4	1.5	0.196	0.443	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	4	1.1	1.125	1.4	0.9	0.069	0.263	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	4	0.75	0.75	1.	0.5	0.083	0.289	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	4	11.	11.5	14.	10.	3.667	1.915	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/11/48-02/22/72	4	6.4	6.475	7.9	5.2	1.889	1.374	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/11/48-09/26/72	16	85.5	84.125	95.	77.	32.517	5.702	77.	78.	87.75	92.9

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Annual Analysis for 1957 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	13	69460.	121770.	353100.	49230.	10194757550.	100969.092	50650.	58375.	180700.	327620.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	13	151.	147.308	173.	128.	276.231	16.62	128.4	131.5	161.	171.8
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	4	7.2	7.225	7.4	7.1	0.016	0.126	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	4	7.2	7.212	7.4	7.1	0.016	0.127	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	4	0.063	0.061	0.079	0.04	0.	0.016	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	4	73.5	74.25	83.	67.	63.583	7.974	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	4	0.65	0.725	1.1	0.5	0.083	0.287	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	4	70.5	71.25	81.	63.	68.25	8.261	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	4	10.	10.25	13.	8.	4.25	2.062	**	**	**	**

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Annual Analysis for 1957 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	4	20.5	20.75	23.	19.	4.25	2.062	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	4	4.7	4.725	5.7	3.8	0.629	0.793	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	4	1.65	1.825	2.6	1.4	0.323	0.568	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	4	1.05	1.075	1.3	0.9	0.029	0.171	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	4	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	4	11.5	12.25	16.	10.	6.917	2.63	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/11/48-02/22/72	4	6.95	6.675	7.7	5.1	1.429	1.195	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/11/48-09/26/72	13	80.	84.846	102.	71.	115.308	10.738	72.6	76.	95.5	101.6

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

Annual Analysis for 1958 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	10	86165.	124885.	298700.	56920.	7050532227.778	83967.447	57501.	63562.5	177000.	293550.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	10	146.5	145.5	166.	126.	275.833	16.608	126.3	129.	161.75	165.8
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	3	7.4	7.333	7.5	7.1	0.043	0.208	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	3	7.4	7.299	7.5	7.1	0.045	0.212	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	3	0.04	0.05	0.079	0.032	0.001	0.026	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	3	79.	75.667	80.	68.	44.333	6.658	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	3	0.5	0.567	0.8	0.4	0.043	0.208	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	3	75.	72.	77.	64.	49.	7.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	3	9.	9.667	12.	8.	4.333	2.082	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	3	22.	22.	24.	20.	4.	2.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	3	3.6	4.133	5.4	3.4	1.213	1.102	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	3	1.9	2.033	2.6	1.6	0.263	0.513	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	3	1.1	1.167	1.4	1.	0.043	0.208	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	3	0.8	0.767	1.	0.5	0.063	0.252	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	3	13.	13.	16.	10.	9.	3.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/11/48-02/22/72	3	5.9	7.033	9.4	5.8	4.203	2.05	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/11/48-09/26/72	10	87.	86.6	99.	76.	84.044	9.168	76.	77.5	97.	98.8

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Annual Analysis for 1971 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	5	12.8	13.16	17.2	7.3	15.393	3.923	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	5	84000.	85800.	108000.	72800.	175995000.	13266.311	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	5	2.	1.6	2.	1.	0.3	0.548	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	5	12.	12.8	17.	10.	7.7	2.775	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	5	150.	155.4	190.	137.	455.8	21.349	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	5	9.1	9.36	11.6	8.1	1.858	1.363	**	**	**	**
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	5	7.6	7.54	7.8	7.2	0.048	0.219	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	5	7.6	7.493	7.8	7.2	0.051	0.225	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	5	0.025	0.032	0.063	0.016	0.	0.018	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	5	75.	74.4	78.	70.	9.3	3.05	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	5	0.03	0.044	0.09	0.	0.002	0.039	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	5	0.	0.002	0.01	0.	0.	0.004	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	5	0.18	0.15	0.2	0.09	0.003	0.055	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	5	0.04	0.036	0.05	0.02	0.	0.011	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	5	0.01	0.016	0.03	0.01	0.	0.009	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	5	66.	66.	68.	64.	2.5	1.581	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	5	6.	5.2	7.	1.	6.2	2.49	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	5	19.	19.4	20.	19.	0.3	0.548	**	**	**	**

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Annual Analysis for 1971 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	5	4.3	4.28	4.4	4.1	0.017	0.13	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	5	1.3	1.44	1.7	1.2	0.058	0.241	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	5	0.8	0.8	1.3	0.2	0.155	0.394	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	5	1.	1.08	2.	0.4	0.332	0.576	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	5	12.	12.4	14.	10.	2.8	1.673	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/11/48-09/26/72	5	92.	96.	120.	82.	214.	14.629	**	**	**	**

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Annual Analysis for 1972 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	17	10.9	10.376	17.3	2.1	30.919	5.561	2.74	4.35	16.2	17.22
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	17	142000.	157482.353	334000.	80000.	6104810294.118	78133.285	80160.	100400.	189000.	330000.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	17	3.	3.	7.	1.	3.75	1.936	1.	1.	4.	7.
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	17	14.	14.412	28.	6.	27.007	5.197	9.2	11.	16.	24.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	17	153.	150.118	165.	134.	86.735	9.313	134.8	143.	157.5	161.
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	17	13.5	13.282	17.3	8.8	5.583	2.363	9.12	11.9	14.85	16.26
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	16	7.75	7.769	8.1	7.5	0.024	0.154	7.57	7.7	7.875	8.03
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	16	7.747	7.745	8.1	7.5	0.024	0.156	7.57	7.7	7.875	8.03
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	16	0.018	0.018	0.032	0.008	0.	0.006	0.009	0.013	0.02	0.027
00440	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	17	73.	72.294	80.	64.	31.471	5.61	65.6	66.5	77.5	80.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	17	0.07	0.07	0.21	0.01	0.003	0.054	0.01	0.02	0.105	0.146
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	17	0.01	0.009	0.03	0.	0.	0.007	0.	0.005	0.01	0.014
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	17	0.12	0.143	0.34	0.05	0.006	0.075	0.058	0.1	0.175	0.276
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	17	0.04	0.038	0.08	0.01	0.	0.022	0.01	0.02	0.055	0.072
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	17	0.01	0.014	0.04	0.	0.	0.012	0.	0.005	0.025	0.032
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	17	64.	66.235	75.	60.	33.816	5.815	60.	61.	72.	74.2
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	17	7.	7.	14.	1.	11.	3.317	1.8	5.	9.	12.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	17	19.	19.529	22.	18.	2.64	1.625	18.	18.	21.	22.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	17	4.	4.271	5.1	3.6	0.236	0.486	3.68	3.9	4.7	4.94
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	17	1.5	1.682	2.5	1.	0.259	0.509	1.08	1.3	2.2	2.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	17	0.7	0.906	2.2	0.6	0.159	0.399	0.6	0.65	1.05	1.48
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	17	1.	1.124	2.	0.2	0.407	0.638	0.2	0.8	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	17	12.	12.588	17.	9.	7.132	2.671	9.8	10.	15.	16.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/11/48-02/22/72	1	160.	160.	160.	160.	0.	0.	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	16 ##	10.	11.25	20.	10.	11.667	3.416	10.	10.	10.	20.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	16 ##	1.	1.038	1.301	1.	0.011	0.103	1.	1.	1.	1.301
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.905								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/11/48-09/26/72	17	96.	106.941	180.	80.	669.059	25.866	83.2	87.	123.	143.2

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Annual Analysis for 1974 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	1	14.8	14.8	14.8	14.8	0.	0.	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	1	83000.	83000.	83000.	83000.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**

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Annual Analysis for 1974 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.								

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Annual Analysis for 1975 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	9	11.1	10.222	18.5	3.4	30.792	5.549	3.4	3.95	15.1	18.5
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	9	110000.	105077.778	118000.	73100.	207589444.444	14407.965	73100.	98800.	113500.	118000.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	9	4.	4.333	8.	1.	4.75	2.179	1.	3.	6.	8.
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	9	13.	13.889	21.	8.	25.861	5.085	8.	8.5	19.	21.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	9	140.	146.667	170.	130.	150.	12.247	130.	140.	155.	170.
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	9	9.6	10.889	18.	8.5	9.806	3.131	8.5	8.7	12.35	18.
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	9	7.8	7.711	8.5	6.7	0.281	0.53	6.7	7.4	8.1	8.5
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	9	7.8	7.4	8.5	6.7	0.39	0.625	6.7	7.4	8.1	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	9	0.016	0.04	0.2	0.003	0.004	0.061	0.003	0.008	0.04	0.2
00440	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	9	70.	70.778	81.	64.	20.194	4.494	64.	69.	71.5	81.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	9	0.04	0.074	0.2	0.03	0.003	0.058	0.03	0.04	0.115	0.2
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	4	0.001	0.003	0.01	0.	0.	0.005	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	4	0.1	0.113	0.18	0.07	0.003	0.053	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/75-11/14/90	5	0.12	0.458	1.6	0.1	0.421	0.649	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	9	0.03	0.037	0.06	0.03	0.	0.01	0.03	0.03	0.041	0.06
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	9	0.02	0.017	0.03	0.004	0.	0.008	0.004	0.01	0.02	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	9	67.	68.111	85.	61.	48.111	6.936	61.	63.5	69.	85.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	9	10.	10.111	18.	4.	18.611	4.314	4.	6.5	13.	18.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	9	19.	20.556	25.	18.	7.028	2.651	18.	19.	23.	25.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	9	4.3	4.1	5.4	1.1	1.633	1.278	1.1	3.7	4.95	5.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	9	2.1	2.033	2.6	1.5	0.118	0.343	1.5	1.75	2.3	2.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	9	1.	1.167	2.6	0.6	0.35	0.592	0.6	0.85	1.3	2.6
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	9	1.	1.144	2.	0.7	0.25	0.5	0.7	0.8	1.5	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	9	11.	11.889	15.	10.	2.861	1.691	10.	11.	13.5	15.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	9 ##	1.	1.167	2.	0.5	0.25	0.5	0.5	1.	1.5	2.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	9 ##	0.	0.033	0.301	-0.301	0.033	0.181	-0.301	0.	0.151	0.301
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.08								

** - 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 box-and-whisker plot

Annual Analysis for 1976 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	18	11.05	9.622	17.4	0.6	33.332	5.773	1.95	3.375	15.3	16.86
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	18	145500.	147700.	202000.	88600.	688043529.412	26230.584	107860.	130500.	164250.	181300.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	18	4.	4.167	9.	1.	5.441	2.333	1.	2.	6.	8.1
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	18	13.	14.611	38.	8.	51.193	7.155	8.	8.75	17.	22.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	18	141.5	143.389	170.	120.	311.075	17.637	122.7	128.	160.	167.3
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	18	12.25	12.239	15.7	9.7	3.504	1.872	9.79	10.325	13.4	15.34
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	18	7.8	7.711	8.1	6.9	0.088	0.297	7.08	7.675	7.9	8.01
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	18	7.8	7.58	8.1	6.9	0.106	0.326	7.08	7.675	7.9	8.01
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	18	0.016	0.026	0.126	0.008	0.001	0.029	0.01	0.013	0.021	0.084
00440	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	18	72.5	71.611	86.	57.	89.193	9.444	59.7	62.	80.25	82.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	18	0.055	0.059	0.12	0.03	0.001	0.023	0.03	0.04	0.073	0.093
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/75-11/14/90	18	0.08	0.092	0.17	0.01	0.004	0.06	0.028	0.03	0.16	0.161
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	18	0.04	0.034	0.05	0.01	0.	0.015	0.01	0.02	0.05	0.05
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	18	0.01	0.013	0.04	0.	0.	0.012	0.	0.	0.02	0.031
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	18	67.	66.111	77.	53.	71.163	8.436	53.	59.	74.	76.1
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	18	6.5	7.333	12.	3.	7.647	2.765	3.9	5.	9.5	11.1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	18	19.5	19.278	22.	16.	4.683	2.164	16.	17.	21.	22.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	18	4.45	4.344	5.4	3.1	0.62	0.788	3.19	3.65	5.125	5.31
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	18	2.15	2.167	3.2	1.6	0.181	0.426	1.6	1.8	2.425	2.84
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	18	1.	1.056	2.1	0.8	0.099	0.315	0.8	0.875	1.125	1.56
00940	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	18	1.	1.194	2.	0.6	0.279	0.529	0.69	0.8	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	18	11.	11.778	16.	8.	7.359	2.713	8.	9.	14.25	15.1
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	18 ##	1.	1.139	2.5	1.	0.171	0.413	1.	1.	1.	2.05
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	18 ##	0.	0.039	0.398	0.	0.013	0.114	0.	0.	0.	0.311
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.094								

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Annual Analysis for 1977 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	3	12.6	12.1	15.6	8.1	14.25	3.775	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	1	101000.	101000.	101000.	101000.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	3	13.	11.333	13.	8.	8.333	2.887	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	3	152.	153.333	163.	145.	82.333	9.074	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	3	9.9	9.933	10.7	9.2	0.563	0.751	**	**	**	**
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	3	95.8	95.367	96.5	93.8	1.963	1.401	**	**	**	**
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	3	7.7	7.7	7.8	7.6	0.01	0.1	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	3	7.7	7.692	7.8	7.6	0.01	0.1	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	3	0.02	0.02	0.025	0.016	0.	0.005	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	3	0.03	0.053	0.1	0.03	0.002	0.04	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/75-11/14/90	3	0.11	0.107	0.12	0.09	0.	0.015	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	3	0.03	0.027	0.03	0.02	0.	0.006	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	3	0.01	0.01	0.02	0.	0.	0.01	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	2 ##	-0.151	-0.151	0.	-0.301	0.045	0.213	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.707								

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Annual Analysis for 1978 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	12	8.45	9.892	18.4	2.7	34.577	5.88	2.7	4.65	16.2	18.25
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	11	125000.	122090.909	139000.	101000.	184290909.091	13575.379	102000.	107000.	134000.	138400.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	12	2.	2.167	5.	1.	1.424	1.193	1.	1.	3.	4.4
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	12	8.	9.667	21.	4.	22.061	4.697	4.	8.	13.	18.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	12	145.	153.417	197.	125.	580.992	24.104	125.9	132.5	171.5	193.4
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	11	11.6	11.082	13.7	7.8	3.744	1.935	7.96	9.1	12.9	13.6
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	11	99.9	100.8	122.2	85.8	101.316	10.066	87.3	93.5	107.2	119.4
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.8	7.817	8.2	7.3	0.056	0.237	7.42	7.7	7.9	8.2
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.8	7.755	8.2	7.3	0.06	0.245	7.42	7.7	7.9	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	12	0.016	0.018	0.05	0.006	0.	0.011	0.006	0.013	0.02	0.041
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	12	2.5	2.833	7.	0.	4.333	2.082	0.	1.25	4.	6.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	12	0.035	0.041	0.08	0.01	0.001	0.024	0.01	0.02	0.06	0.077
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/75-11/14/90	12	0.1	0.104	0.2	0.02	0.003	0.058	0.02	0.07	0.155	0.194
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	12	0.03	0.03	0.04	0.02	0.	0.009	0.02	0.02	0.04	0.04
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	12	0.01	0.012	0.03	0.	0.	0.01	0.	0.003	0.018	0.03
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	12 ##	0.5	1.167	8.	0.5	4.652	2.157	0.5	0.5	0.5	5.9
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	12 ##	-0.301	-0.176	0.903	-0.301	0.123	0.351	-0.301	-0.301	-0.301	0.632
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.667								

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Annual Analysis for 1979 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	12	8.5	10.067	19.1	0.8	45.27	6.728	0.86	4.15	17.65	19.01
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	12	115500.	110350.	131000.	53200.	523070000.	22870.724	61540.	104250.	127000.	131000.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	11	2.	2.018	4.	1.	0.964	0.982	1.	1.	3.	3.8
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	11	8.	13.182	42.	4.	127.164	11.277	4.	4.	20.	37.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	12	150.	152.333	170.	138.	156.97	12.529	138.6	140.	166.	170.
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	12	11.3	11.083	14.4	7.6	5.985	2.446	7.75	8.6	13.475	14.19
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	12	99.35	99.65	122.3	84.9	120.881	10.995	84.9	90.9	105.7	118.73
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.95	7.908	8.3	7.4	0.088	0.297	7.46	7.6	8.2	8.27
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.947	7.814	8.3	7.4	0.098	0.313	7.46	7.6	8.2	8.27
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	12	0.011	0.015	0.04	0.005	0.	0.011	0.005	0.006	0.025	0.035
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	12	3.	2.375	4.	0.5	2.006	1.416	0.5	0.625	3.75	4.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	12	0.025	0.024	0.06	0.	0.	0.018	0.	0.01	0.038	0.054
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/75-11/14/90	12	0.105	0.113	0.19	0.05	0.003	0.05	0.05	0.06	0.155	0.19
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	12	0.02	0.028	0.06	0.02	0.	0.013	0.02	0.02	0.038	0.054
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	12	0.	0.011	0.04	0.	0.	0.016	0.	0.	0.025	0.04
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	11 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	-0.301	-0.301	-0.301	-0.301
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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Annual Analysis for 1980 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	12	11.85	10.992	19.1	3.	33.301	5.771	3.21	4.85	15.75	19.07
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	12	98550.	96408.333	134000.	51000.	785119015.152	28019.975	52620.	69625.	122500.	131600.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	12	2.	1.75	3.	1.	0.568	0.754	1.	1.	2.	3.
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	12	10.5	11.833	21.	8.	20.879	4.569	8.	8.	16.	19.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	12	150.	152.583	204.	120.	496.083	22.273	123.	135.	163.75	194.4
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	12	11.3	11.05	13.3	8.3	3.361	1.833	8.42	9.2	12.9	13.21
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	12	100.35	100.892	114.6	91.7	54.464	7.38	91.88	95.225	108.1	113.22

** - 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

Annual Analysis for 1980 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	12	8.05	8.15	9.2	7.7	0.172	0.415	7.73	7.825	8.275	9.02
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	12	8.047	8.026	9.2	7.7	0.189	0.434	7.73	7.825	8.275	9.02
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	12	0.009	0.009	0.02	0.001	0.	0.006	0.001	0.005	0.015	0.019
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	12	2.	2.292	6.	0.5	2.521	1.588	0.5	0.875	3.	5.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	12	0.03	0.035	0.08	0.005	0.001	0.029	0.007	0.01	0.065	0.08
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	6	0.08	0.068	0.13	0.005	0.003	0.053	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/75-11/14/90	9	0.07	0.099	0.22	0.005	0.007	0.084	0.005	0.018	0.18	0.22
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	12	0.04	0.108	0.88	0.01	0.059	0.244	0.013	0.03	0.048	0.64
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	11	0.01	0.014	0.05	0.005	0.	0.014	0.005	0.005	0.01	0.046
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	10 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	-0.301	-0.301	-0.301	-0.301
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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Annual Analysis for 1981 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	12	10.95	11.167	19.	4.1	26.241	5.123	4.37	6.175	15.9	18.58
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	12	130500.	136175.	230000.	86800.	2075211136.364	45554.485	88120.	97575.	152750.	224900.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	12	2.	2.833	6.	1.	3.788	1.946	1.	1.	4.75	6.
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	12	8.	9.667	17.	4.	19.152	4.376	4.	8.	13.	17.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	12	148.	143.5	158.	128.	88.091	9.386	128.6	133.5	148.	156.2
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	12	11.9	11.467	13.3	8.8	2.546	1.596	8.95	9.75	12.85	13.21
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	12	106.85	106.45	127.4	90.7	120.097	10.959	91.63	95.575	115.15	124.61
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.75	7.792	8.4	7.5	0.068	0.261	7.5	7.6	7.9	8.31
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.747	7.732	8.4	7.5	0.072	0.268	7.5	7.6	7.9	8.31
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	12	0.018	0.019	0.032	0.004	0.	0.009	0.005	0.013	0.025	0.032
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	12 ##	0.75	1.417	4.	0.5	1.947	1.395	0.5	0.5	2.5	4.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	12	0.06	0.082	0.34	0.01	0.008	0.088	0.013	0.028	0.087	0.277
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	12 ##	0.005	0.007	0.025	0.005	0.	0.006	0.005	0.005	0.005	0.019
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	12	0.085	0.077	0.15	0.01	0.003	0.05	0.01	0.023	0.118	0.147
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	12	0.02	0.025	0.05	0.01	0.	0.012	0.01	0.02	0.03	0.047
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	12	0.01	0.012	0.02	0.005	0.	0.007	0.005	0.005	0.02	0.02
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	9 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	-0.301	-0.301	-0.301	-0.301
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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Annual Analysis for 1982 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	12	11.	10.617	18.	3.2	33.665	5.802	3.2	4.3	16.175	17.94
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	8	155500.	133987.5	185000.	72900.	2179026964.286	46680.049	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	12	2.	2.167	4.	1.	1.606	1.267	1.	1.	3.75	4.
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	12	15.	12.583	21.	4.	43.902	6.626	4.	5.	17.	21.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	12	137.	136.833	152.	115.	210.333	14.503	115.3	124.25	151.5	152.
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	11	11.5	11.491	15.8	9.	4.545	2.132	9.02	9.1	13.1	15.3
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	12	104.35	103.458	129.8	87.4	161.472	12.707	87.82	90.65	110.75	126.14
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.65	7.675	7.9	7.4	0.024	0.154	7.43	7.6	7.8	7.9
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.647	7.65	7.9	7.4	0.025	0.157	7.43	7.6	7.8	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	12	0.023	0.022	0.04	0.013	0.	0.008	0.013	0.016	0.025	0.037
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	12 ##	0.75	1.583	5.	0.5	3.038	1.743	0.5	0.5	2.5	5.

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Annual Analysis for 1982 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	12	0.035	0.132	0.52	0.01	0.034	0.186	0.016	0.03	0.233	0.505
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	12 ##	0.005	0.007	0.025	0.005	0.	0.006	0.005	0.005	0.005	0.019
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	12	0.095	0.168	1.1	0.005	0.088	0.297	0.01	0.043	0.118	0.818
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	11	0.03	0.028	0.05	0.01	0.	0.011	0.012	0.02	0.03	0.048
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	12	0.01	0.014	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.03
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	7 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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Annual Analysis for 1983 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	12	11.9	11.65	18.4	4.2	29.928	5.471	4.53	5.975	17.15	18.37
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	9	141000.	129977.778	164000.	82400.	741414444.444	27228.927	82400.	109200.	146000.	164000.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	12	1.5	2.583	6.	1.	4.265	2.065	1.	1.	4.75	6.
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	12	13.	12.667	21.	4.	24.242	4.924	5.2	8.	17.	19.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	12	140.	139.5	160.	125.	137.545	11.728	125.	127.75	150.	157.
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	12	11.1	11.383	14.9	8.9	4.236	2.058	8.99	9.425	13.225	14.69
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	12	104.7	105.808	130.7	89.3	172.314	13.127	89.93	93.5	118.375	127.88
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.8	7.767	8.	7.3	0.032	0.178	7.42	7.7	7.9	7.97
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.8	7.727	8.	7.3	0.033	0.182	7.42	7.7	7.9	7.97
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	12	0.016	0.019	0.05	0.01	0.	0.01	0.011	0.013	0.02	0.041
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	12	2.	2.042	4.	0.5	1.475	1.215	0.65	1.	3.	4.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	12	0.02	0.024	0.06	0.005	0.	0.014	0.007	0.02	0.03	0.051
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	12 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.009
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	12	0.105	0.101	0.21	0.02	0.003	0.055	0.023	0.06	0.14	0.192
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	12	0.03	0.031	0.04	0.02	0.	0.008	0.02	0.023	0.04	0.04
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	12	0.02	0.018	0.04	0.01	0.	0.009	0.01	0.01	0.02	0.034
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	9 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	-0.301	-0.301	-0.301	-0.301
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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Annual Analysis for 1984 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	12	9.35	10.225	18.6	2.5	34.608	5.883	2.95	4.75	16.525	18.51
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	12	134500.	130741.667	180000.	88700.	749484469.697	27376.714	90050.	108750.	150000.	172800.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	12	2.	2.667	7.	1.	3.515	1.875	1.	1.	3.75	6.4
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	12	8.	8.667	13.	4.	12.97	3.601	4.	5.	13.	13.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	12	144.	140.75	156.	124.	127.841	11.307	124.9	128.5	150.	154.8
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	12	11.6	11.367	14.5	8.4	4.346	2.085	8.43	9.425	13.3	14.23
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	12	100.15	102.175	117.5	87.	146.849	12.118	87.96	90.45	115.275	117.26
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.75	7.717	8.1	7.4	0.043	0.208	7.4	7.6	7.875	8.04
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.747	7.672	8.1	7.4	0.046	0.213	7.4	7.6	7.875	8.04
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	12	0.018	0.021	0.04	0.008	0.	0.01	0.009	0.013	0.025	0.04
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	12	1.	1.625	4.	0.5	2.233	1.494	0.5	0.5	3.5	4.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	12	0.03	0.028	0.04	0.005	0.	0.012	0.007	0.02	0.04	0.04
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	11 ##	0.005	0.006	0.02	0.005	0.	0.005	0.005	0.005	0.005	0.017
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	12	0.095	0.088	0.21	0.005	0.005	0.069	0.005	0.02	0.138	0.198
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	12	0.025	0.035	0.09	0.01	0.001	0.024	0.013	0.02	0.04	0.084
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	11	0.02	0.018	0.03	0.01	0.	0.006	0.01	0.01	0.02	0.028

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Annual Analysis for 1984 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	11 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	-0.301	-0.301	-0.301	-0.301
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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Annual Analysis for 1985 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	11	8.8	9.209	18.3	1.	39.763	6.306	1.16	1.8	14.4	18.2
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	11	114000.	124190.909	177000.	52000.	1896444909.091	43548.191	57180.	78200.	175000.	177000.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	9	3.	3.389	7.	0.5	3.861	1.965	0.5	2.	4.5	7.
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	8	4.	5.063	8.	0.5	7.317	2.705	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	11	150.	158.545	248.	131.	999.873	31.621	131.8	148.	164.	232.4
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	11	11.8	11.391	14.9	8.3	5.541	2.354	8.34	9.	13.4	14.76
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	11	96.8	99.291	115.	82.3	118.785	10.899	83.38	89.4	107.6	114.9
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	11	7.6	7.691	8.6	7.3	0.121	0.348	7.32	7.4	7.8	8.44
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	11	7.6	7.602	8.6	7.3	0.13	0.36	7.32	7.4	7.8	8.44
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	11	0.025	0.025	0.05	0.003	0.	0.014	0.005	0.016	0.04	0.048
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	9	1.	2.444	11.	0.5	10.965	3.311	0.5	0.75	2.5	11.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	9	0.02	0.029	0.06	0.01	0.	0.015	0.01	0.02	0.04	0.06
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	9	0.11	0.122	0.18	0.04	0.002	0.047	0.04	0.095	0.17	0.18
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	9	0.04	0.037	0.06	0.02	0.	0.013	0.02	0.025	0.045	0.06
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	9	0.02	0.017	0.02	0.005	0.	0.007	0.005	0.013	0.02	0.02
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	7 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			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 box-and-whisker plot

Annual Analysis for 1986 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	11	8.6	9.927	18.1	1.6	40.366	6.353	1.82	3.3	16.2	17.98
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	10	125500.	127400.	163000.	81600.	493508888.889	22215.06	84870.	117825.	147175.	161530.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	6 ##	0.5	0.833	2.	0.5	0.367	0.606	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	8 ##	0.5	9.313	38.	0.5	189.924	13.781	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	11	135.	138.182	157.	124.	131.164	11.453	124.2	130.	150.	155.6
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	11	10.2	11.173	13.5	9.	3.356	1.832	9.08	9.5	13.3	13.48
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	11	99.9	99.164	112.3	87.	60.635	7.787	87.22	93.	104.6	111.46
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	11	7.5	7.527	7.7	7.3	0.018	0.135	7.32	7.4	7.7	7.7
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	11	7.5	7.508	7.7	7.3	0.019	0.136	7.32	7.4	7.7	7.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	11	0.032	0.031	0.05	0.02	0.	0.01	0.02	0.02	0.04	0.048
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	10	1.	2.75	16.	0.5	22.347	4.727	0.5	0.5	2.25	14.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	11	0.02	0.026	0.06	0.01	0.	0.014	0.01	0.02	0.03	0.056
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	11	0.1	0.103	0.25	0.02	0.004	0.064	0.024	0.06	0.14	0.232
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	9	0.02	0.037	0.12	0.01	0.001	0.038	0.01	0.01	0.055	0.12
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	10	0.015	0.017	0.05	0.005	0.	0.013	0.005	0.009	0.02	0.047
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	11 ##	0.5	1.182	6.	0.5	2.764	1.662	0.5	0.5	1.	5.2
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	11 ##	-0.301	-0.121	0.778	-0.301	0.126	0.355	-0.301	-0.301	0.	0.683
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.757								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/86-11/14/90	5 ##	0.5	0.7	1.	0.5	0.075	0.274	**	**	**	**

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Annual Analysis for 1987 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	12	11.	11.408	18.4	3.7	30.508	5.523	4.18	5.8	17.125	18.34
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	12	137650.	142875.	196500.	104500.	715898409.091	26756.278	109270.	122625.	163000.	191730.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	12	130.	133.917	157.	112.	201.174	14.184	115.3	123.	147.75	155.5
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	12	10.5	10.567	13.	7.6	3.488	1.868	7.87	9.	12.6	13.
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	12	99.7	97.317	108.4	81.	54.967	7.414	83.91	92.2	101.925	107.23
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.65	7.633	8.	7.2	0.09	0.299	7.2	7.4	7.975	8.
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.647	7.541	8.	7.2	0.099	0.315	7.2	7.4	7.975	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	12	0.023	0.029	0.063	0.01	0.	0.019	0.01	0.011	0.04	0.063
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	12	1.	2.083	7.	0.5	4.402	2.098	0.5	1.	3.5	6.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	11	0.01	0.025	0.11	0.005	0.001	0.032	0.005	0.005	0.04	0.098
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	11 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	7	0.08	0.079	0.11	0.04	0.001	0.032	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/75-11/14/90	3	0.09	0.09	0.1	0.08	0.	0.01	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	11	0.02	0.02	0.04	0.005	0.	0.011	0.006	0.01	0.03	0.038
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	11	0.01	0.012	0.02	0.005	0.	0.006	0.005	0.01	0.02	0.02
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	9 ##	0.5	0.556	1.	0.5	0.028	0.167	0.5	0.5	0.5	1.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	9 ##	-0.301	-0.268	0.	-0.301	0.01	0.1	-0.301	-0.301	-0.301	0.
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.54								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/86-11/14/90	11 ##	0.5	0.773	2.	0.5	0.218	0.467	0.5	0.5	1.	1.8

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Annual Analysis for 1988 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	12	10.85	10.567	18.6	2.5	35.724	5.977	2.71	4.125	16.775	18.21
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	12	132150.	140733.333	196600.	113100.	652238787.879	25538.966	113400.	119950.	161975.	187810.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	12	141.	142.833	175.	120.	229.424	15.147	123.	130.5	152.25	169.9
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	12	10.85	11.075	14.1	8.6	3.788	1.946	8.69	9.275	13.1	13.98
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	12	97.75	100.75	117.1	91.9	55.014	7.417	92.53	95.525	105.525	114.7
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.9	7.792	8.5	7.1	0.223	0.472	7.1	7.325	8.1	8.44
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.889	7.565	8.5	7.1	0.279	0.528	7.1	7.325	8.1	8.44
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	12	0.013	0.027	0.079	0.003	0.001	0.028	0.004	0.008	0.048	0.079
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	12	2.	2.292	5.	0.5	2.021	1.422	0.65	1.	3.75	4.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	11	0.01	0.015	0.03	0.005	0.	0.009	0.006	0.01	0.02	0.03
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/75-11/14/90	11	0.1	0.096	0.15	0.04	0.002	0.042	0.04	0.05	0.14	0.15
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	9	0.03	0.033	0.11	0.01	0.001	0.03	0.01	0.02	0.03	0.11
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	12	0.02	0.037	0.24	0.01	0.004	0.064	0.01	0.01	0.028	0.177
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	12 ##	0.5	0.5	1.	0.	0.045	0.213	0.15	0.5	0.5	0.85
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	12 ##	-0.301	-0.251	0.	-0.301	0.014	0.117	-0.09	-0.301	-0.301	-0.09
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.561								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/86-11/14/90	12 ##	0.5	1.	3.	0.5	0.909	0.953	0.5	0.5	1.	3.

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Annual Analysis for 1989 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	12	11.15	10.833	19.3	1.6	39.642	6.296	1.6	4.7	17.15	18.97
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	9	124800.	136388.889	193400.	92200.	1315503611.111	36269.872	92200.	102050.	170350.	193400.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	12	137.	137.25	158.	115.	180.568	13.438	117.7	125.5	148.75	157.7
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	12	10.95	10.692	13.2	8.	3.304	1.818	8.12	8.8	12.275	13.05
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	12	93.4	97.367	112.5	88.3	85.908	9.269	88.42	89.825	108.35	112.08
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.95	7.883	8.4	6.9	0.152	0.39	7.11	7.725	8.15	8.37
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	12	7.947	7.663	8.4	6.9	0.205	0.453	7.11	7.725	8.15	8.37

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Annual Analysis for 1989 - Station CODA0071

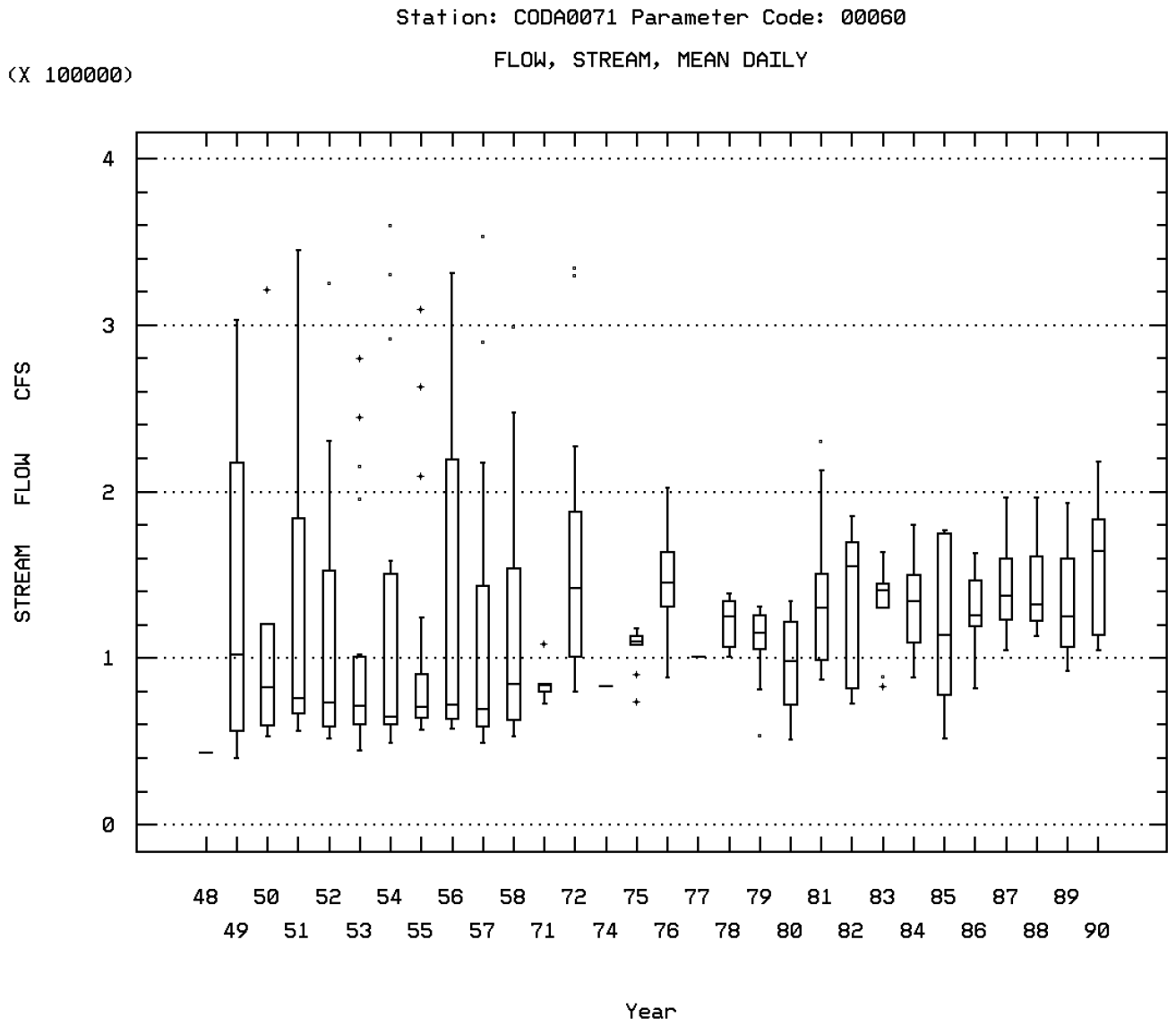
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	12	0.011	0.022	0.126	0.004	0.001	0.033	0.004	0.007	0.019	0.096
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	12	2.5	2.625	6.	0.5	4.188	2.046	0.5	0.625	4.	6.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	12 ##	0.008	0.014	0.04	0.005	0.	0.012	0.005	0.005	0.02	0.037
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/75-11/14/90	12	0.075	0.095	0.29	0.02	0.006	0.075	0.023	0.035	0.135	0.248
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	12	0.02	0.029	0.1	0.01	0.001	0.025	0.011	0.016	0.031	0.085
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	12	0.01	0.013	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.027
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	12 ##	0.5	0.667	1.	0.5	0.061	0.246	0.5	0.5	1.	1.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	12 ##	-0.301	-0.201	0.	-0.301	0.022	0.148	-0.301	-0.301	0.	0.
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.63								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/86-11/14/90	12	1.	1.158	3.	0.4	0.623	0.789	0.43	0.525	1.8	2.7

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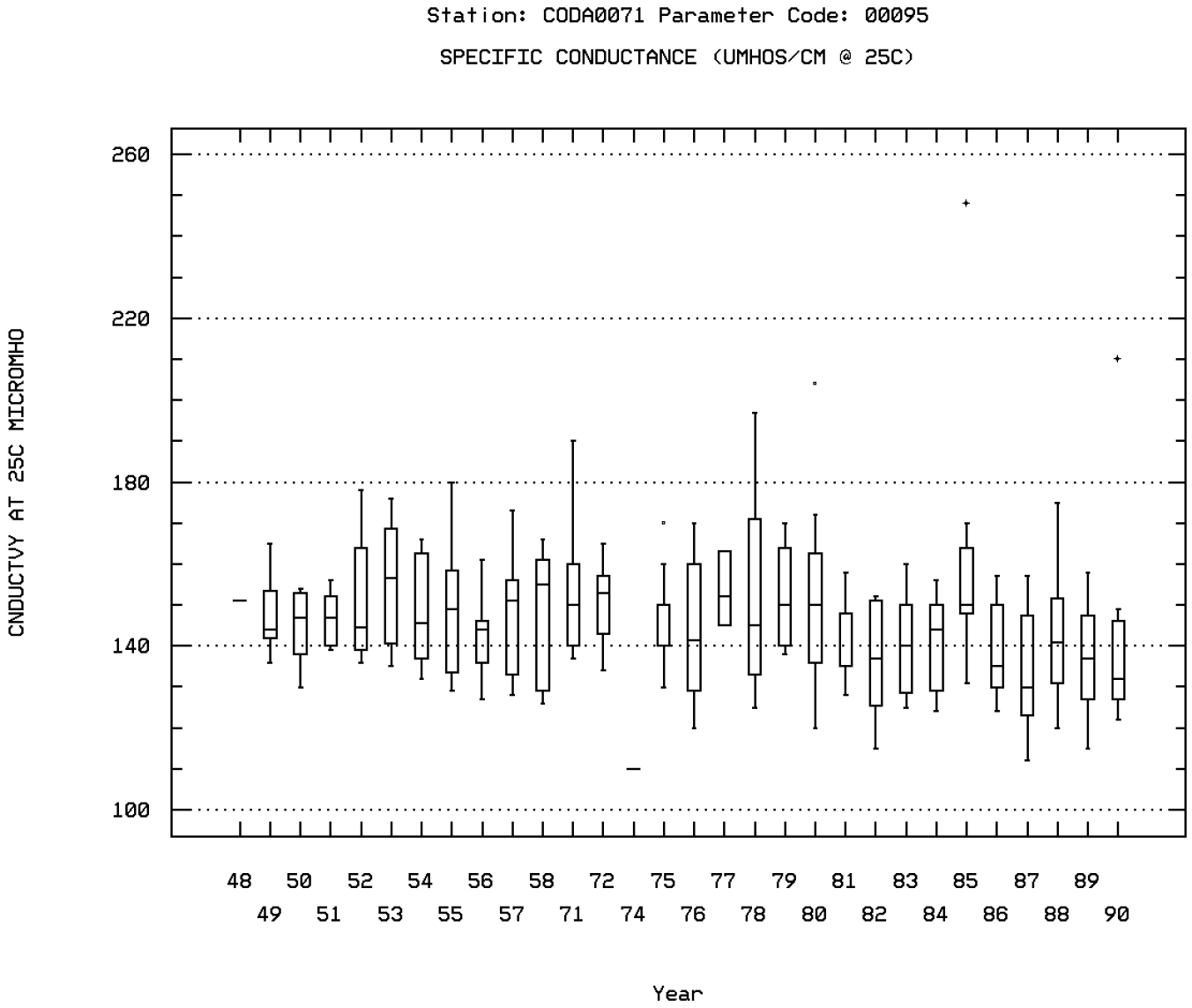
Annual Analysis for 1990 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	11	11.5	10.664	19.2	2.6	37.203	6.099	2.62	4.5	15.4	18.92
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	11	164600.	158718.182	218000.	104600.	1525661636.364	39059.719	106020.	114100.	183400.	216360.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	11	132.	140.909	210.	122.	605.491	24.607	122.	127.	146.	197.8
00300p	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	11	11.2	11.1	13.3	8.5	3.364	1.834	8.52	9.5	13.	13.26
00301p	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	11	100.9	100.927	110.	86.3	49.148	7.011	87.94	96.	107.5	109.52
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	11	7.9	7.9	8.4	7.2	0.1	0.316	7.3	7.8	8.	8.38
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	11	7.9	7.781	8.4	7.2	0.116	0.34	7.3	7.8	8.	8.38
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	11	0.013	0.017	0.063	0.004	0.	0.016	0.004	0.01	0.016	0.054
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	11	2.	1.909	4.	1.	1.091	1.044	1.	1.	3.	3.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	11	0.01	0.012	0.04	0.005	0.	0.011	0.005	0.005	0.02	0.036
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/75-11/14/90	11	0.08	0.083	0.14	0.02	0.002	0.044	0.022	0.04	0.13	0.14
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	11	0.02	0.016	0.02	0.005	0.	0.006	0.006	0.01	0.02	0.02
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	11 ##	0.005	0.009	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	11 ##	0.5	0.682	1.	0.5	0.064	0.252	0.5	0.5	1.	1.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	11 ##	-0.301	-0.192	0.	-0.301	0.023	0.152	-0.301	-0.301	0.	0.
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.643								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/86-11/14/90	11	0.5	0.927	2.	0.5	0.318	0.564	0.5	0.5	1.3	1.96

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



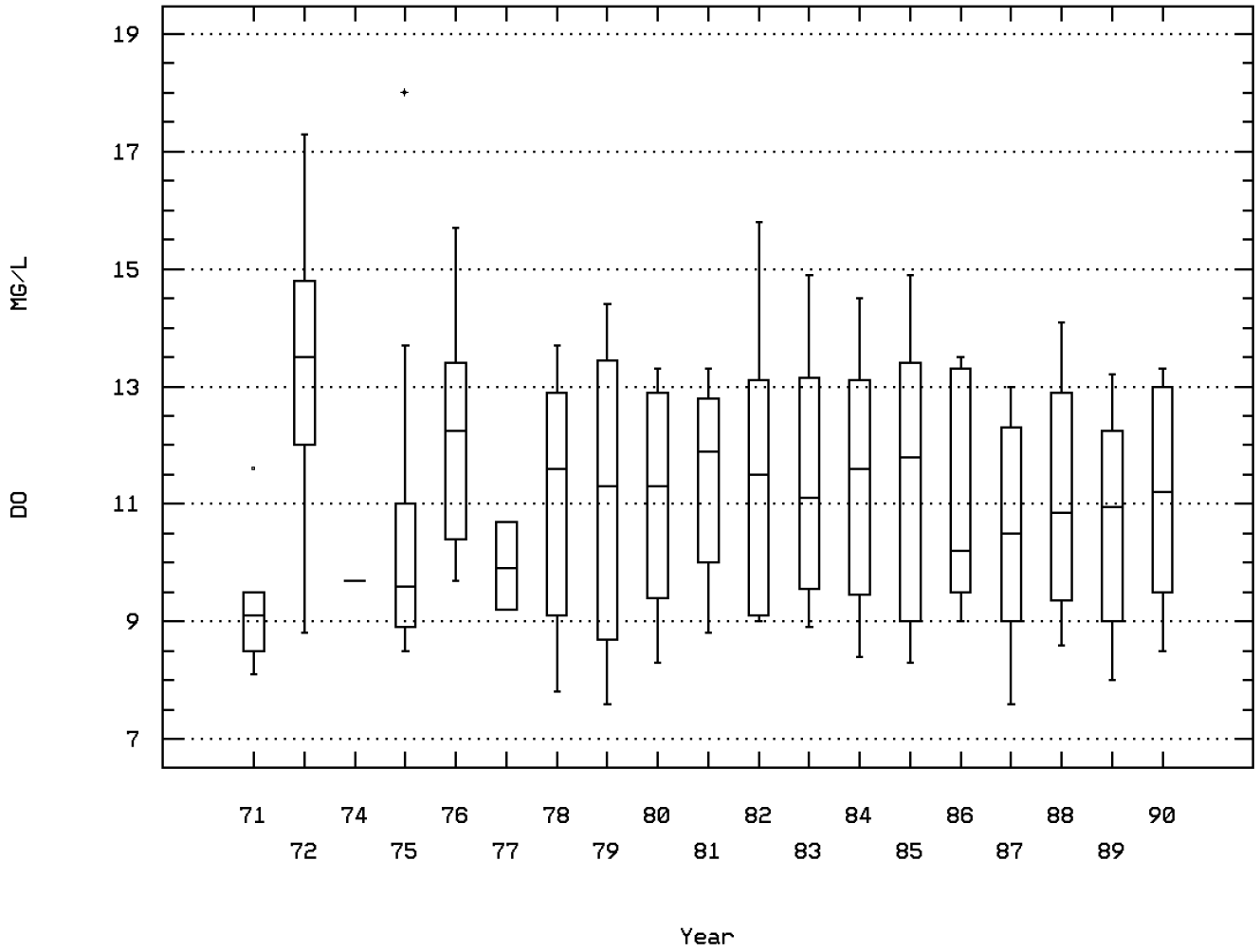
COLUMBIA R AT GRAND COULEE DAM



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00300

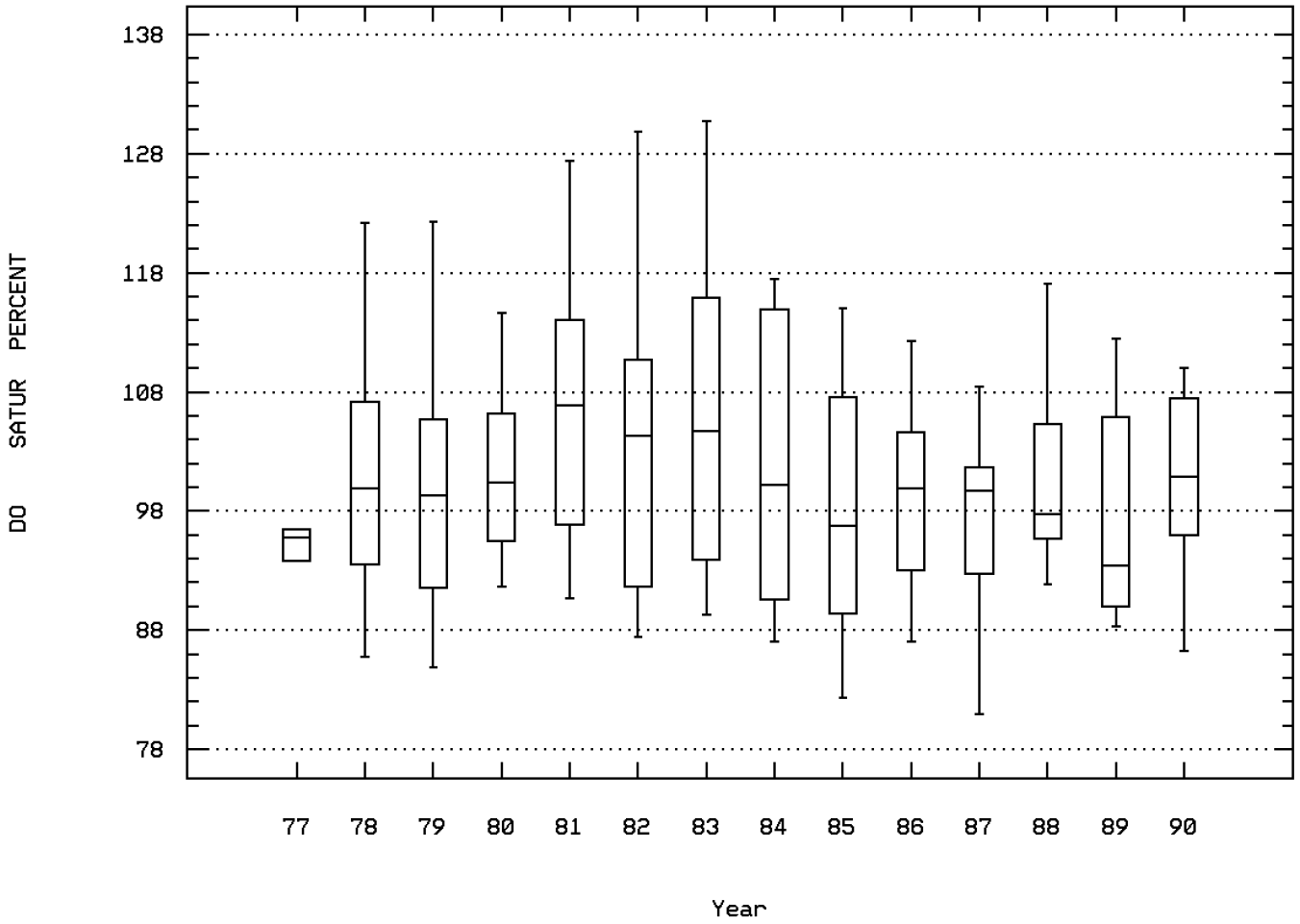
OXYGEN, DISSOLVED



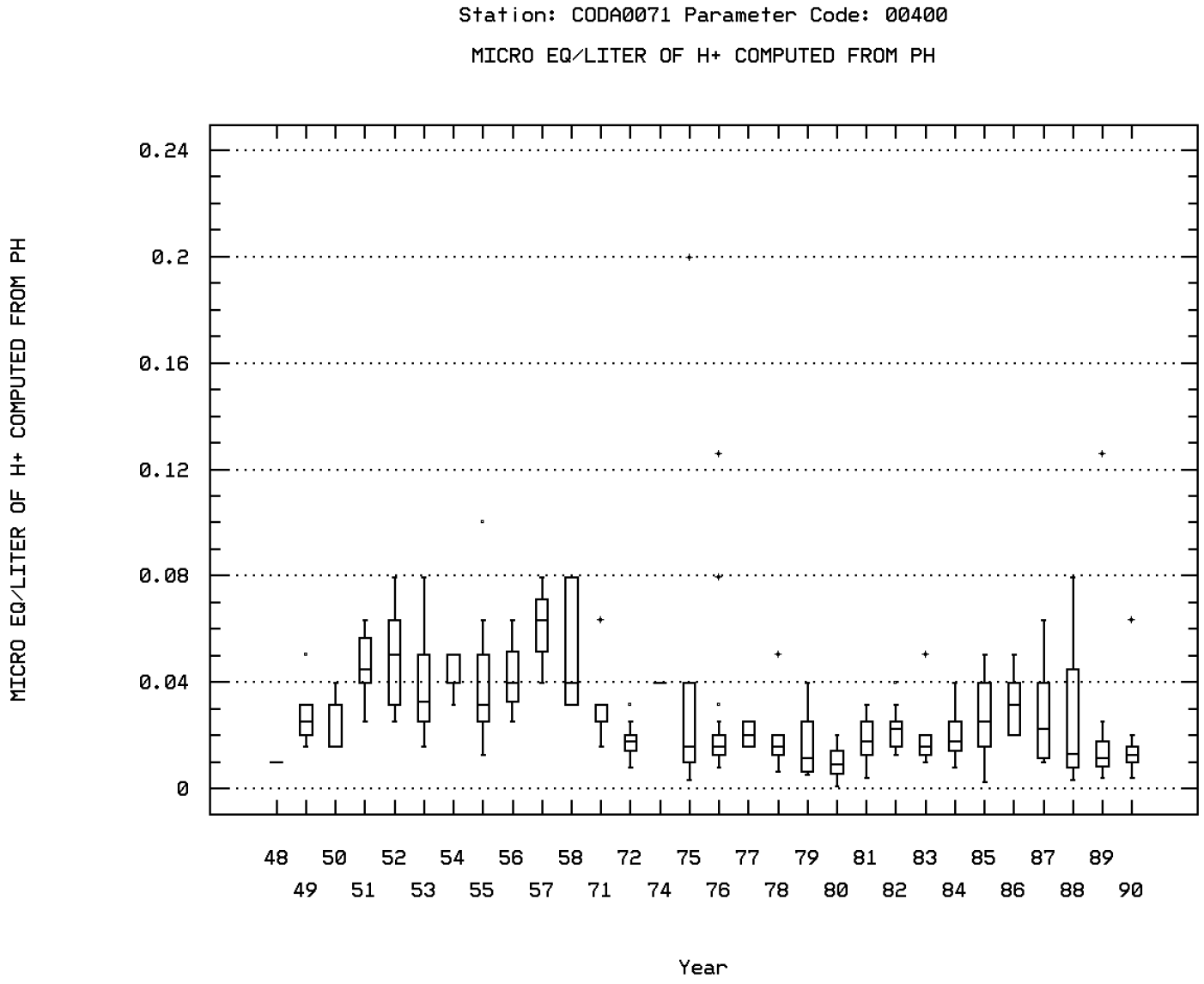
COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00301

OXYGEN, DISSOLVED, PERCENT OF SATURATIO



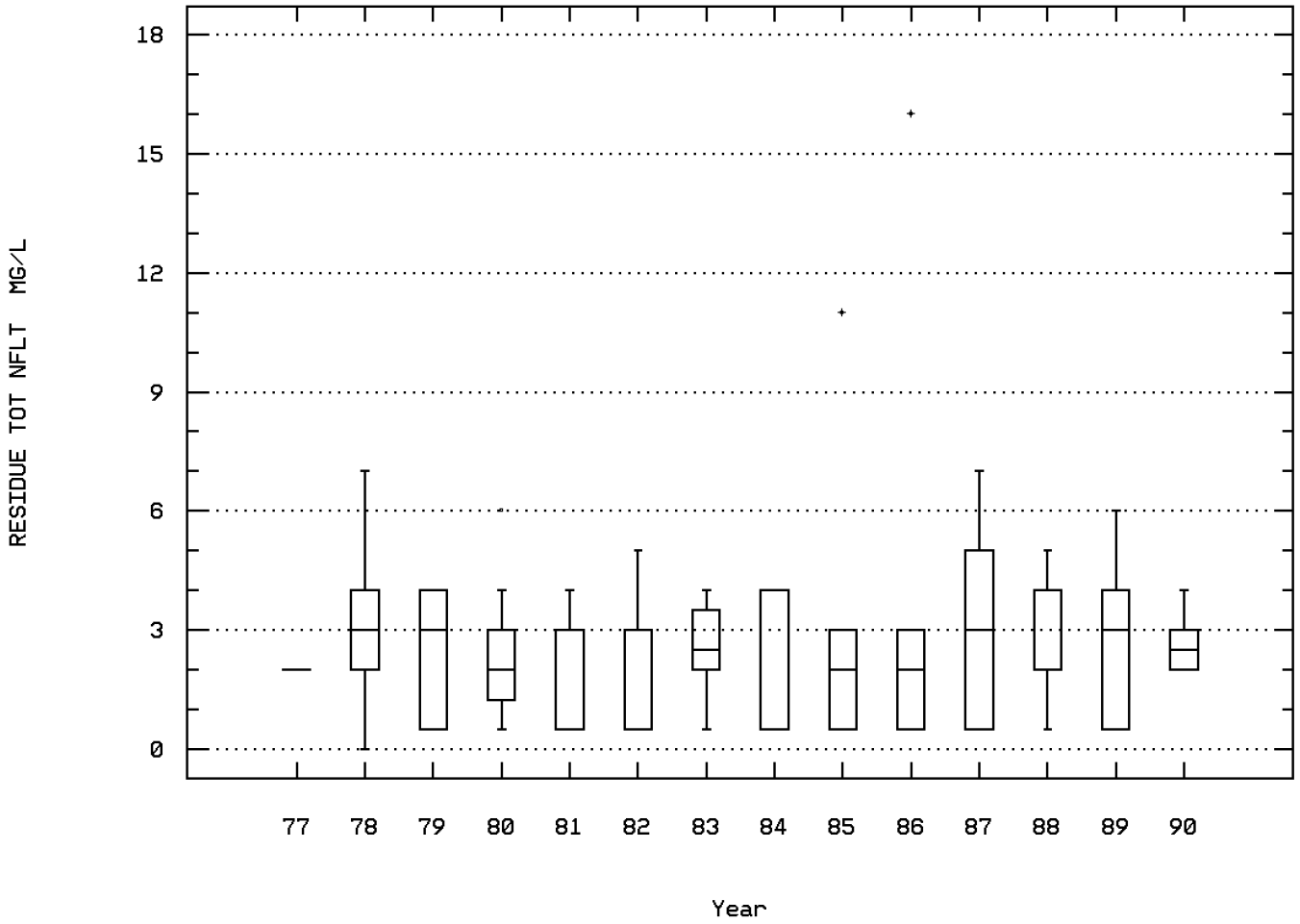
COLUMBIA R AT GRAND COULEE DAM



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00530

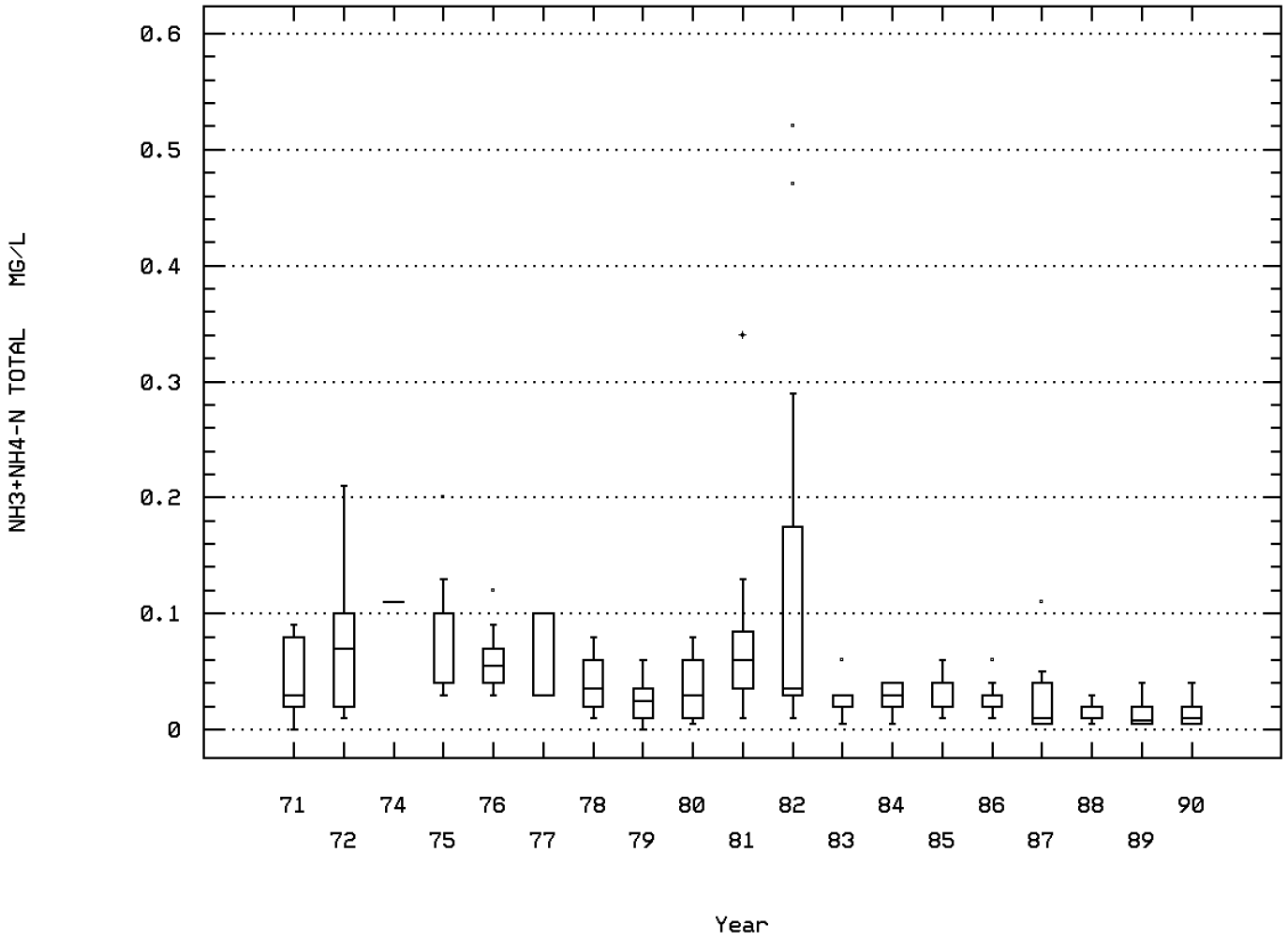
RESIDUE, TOTAL NONFILTRABLE (MG/L)



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00610

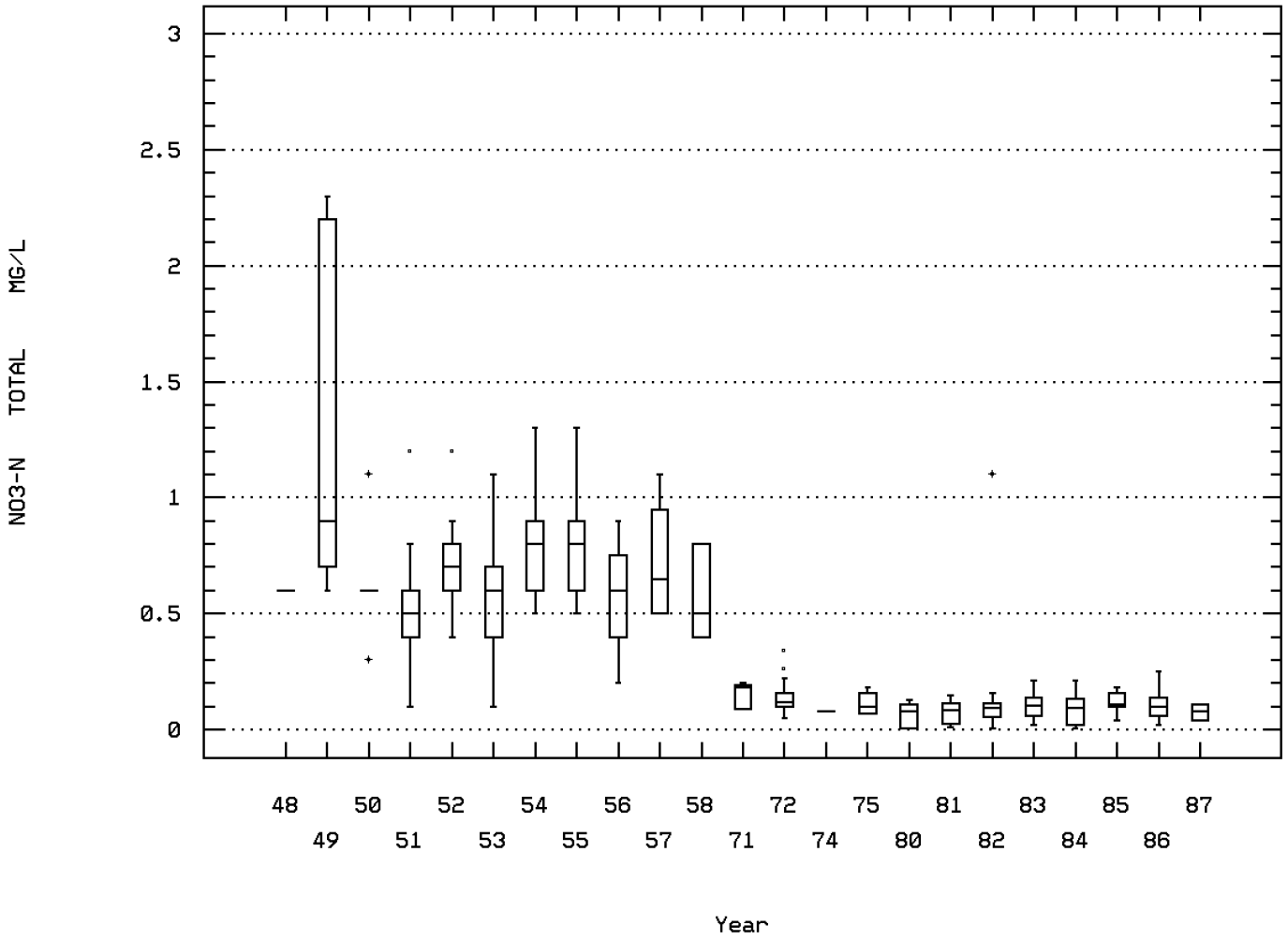
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00620

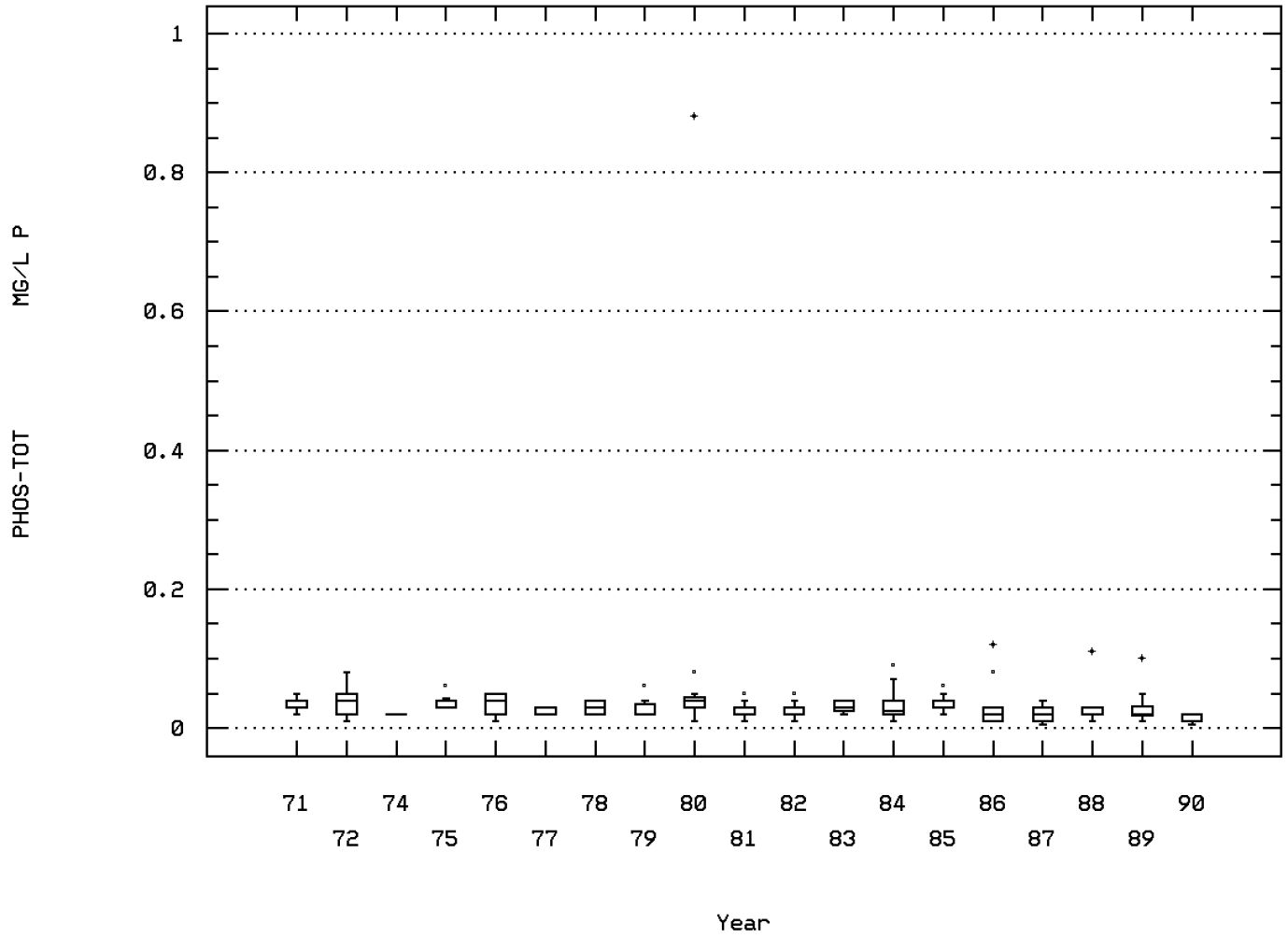
NITRATE NITROGEN, TOTAL (MG/L AS N)



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00665

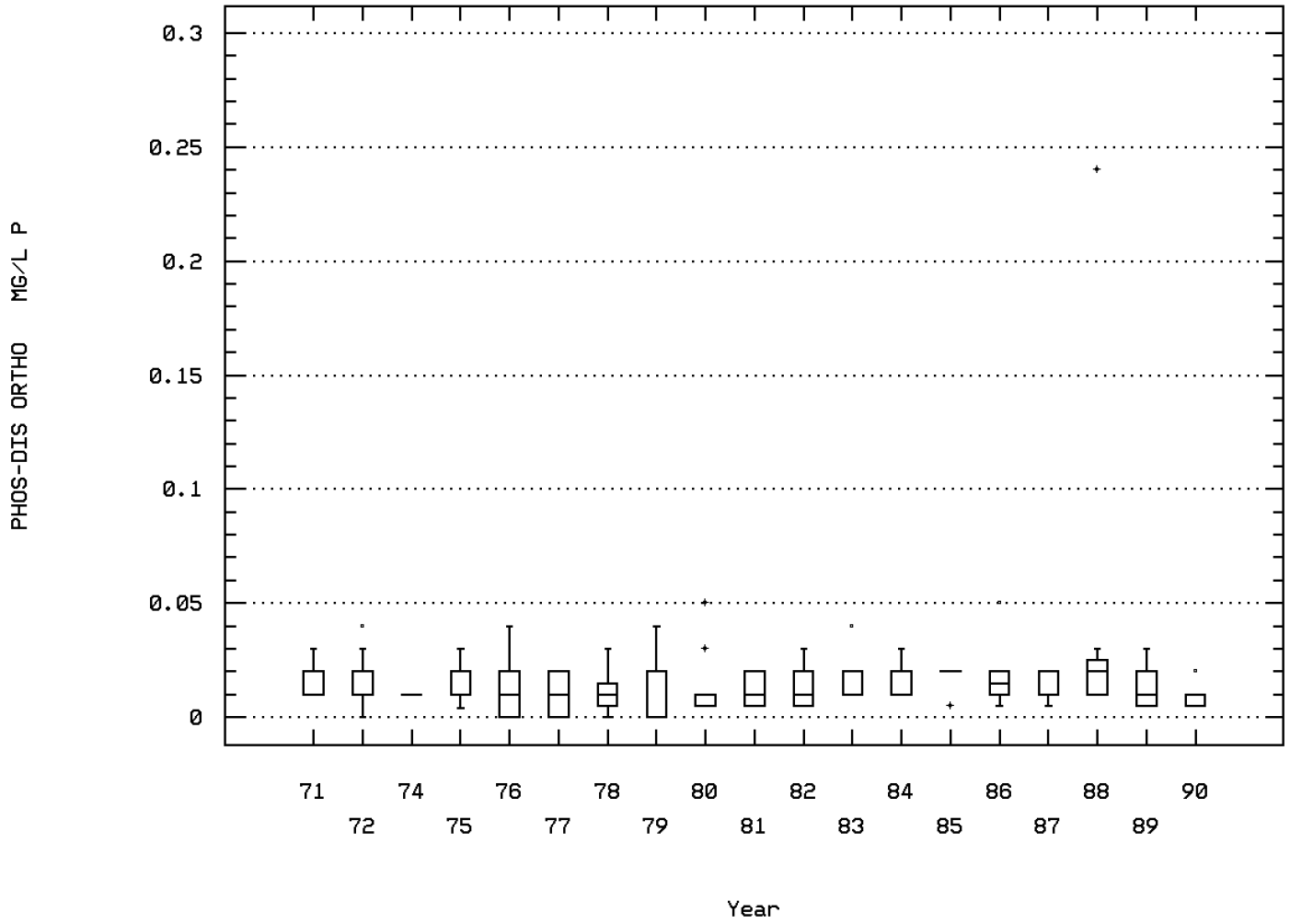
PHOSPHORUS, TOTAL (MG/L AS P)



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00671

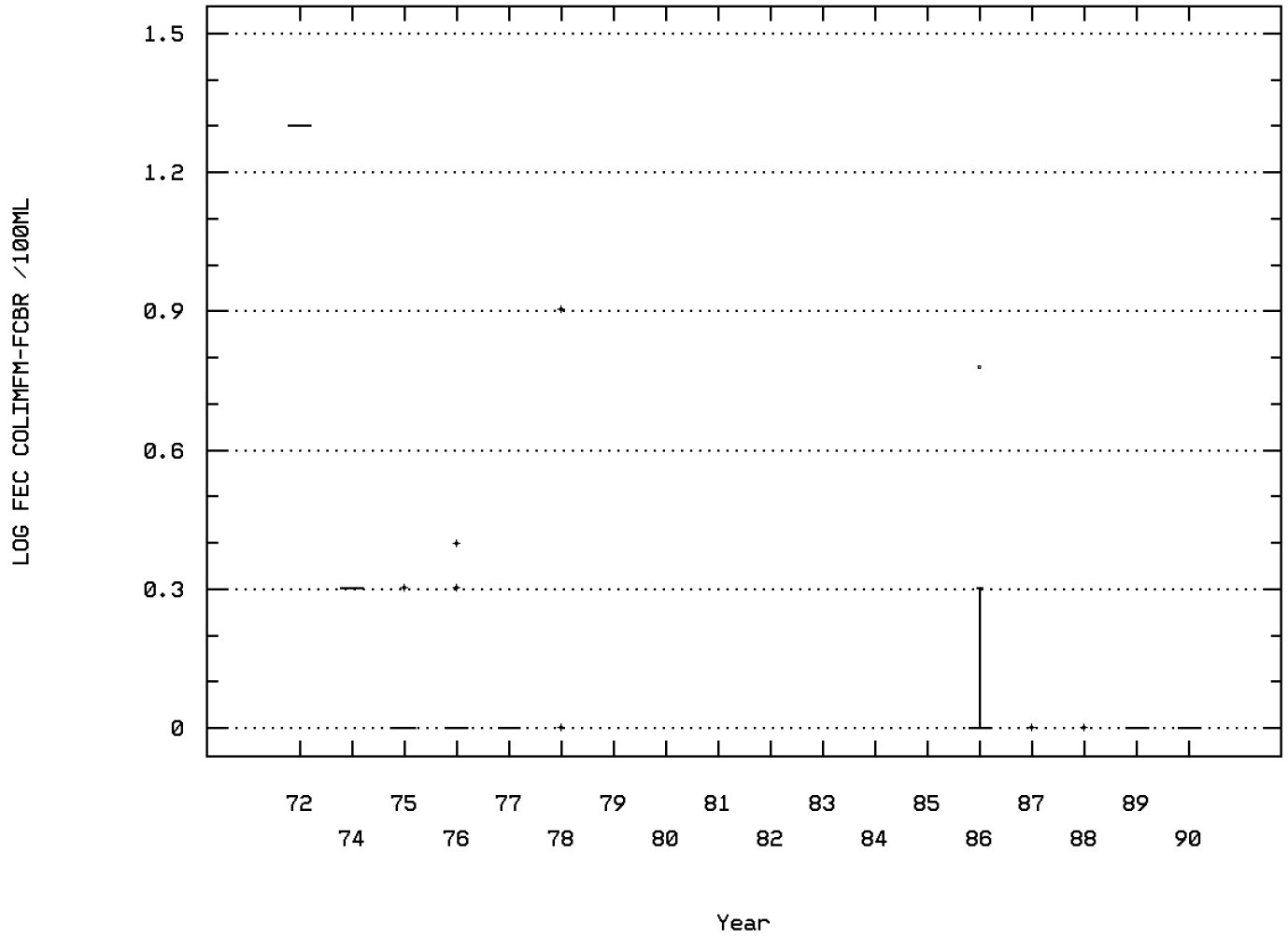
PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (M



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



COLUMBIA R AT GRAND COULEE DAM

Seasonal Analysis for Season #1: 8/15 to 1/31 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	94	13.5	12.253	19.3	1.	31.344	5.599	3.7	7.55	17.35	18.55
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	147	88090.	94808.435	196500.	43200.	1273012340.686	35679.298	55182.	63550.	119000.	147660.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	67	1.	1.925	8.	0.5	1.82	1.349	1.	1.	2.	4.
00080p	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	78	8.	9.455	21.	0.5	21.709	4.659	4.	5.	13.	16.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	157	143.	143.	248.	110.	220.513	14.85	125.	134.	150.5	157.
00300	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	94	9.5	9.923	14.2	7.6	2.29	1.513	8.4	8.8	10.775	12.15
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	72	93.55	93.467	105.8	81.	27.17	5.213	87.	90.2	96.2	100.32
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	134	7.6	7.634	8.6	6.7	0.112	0.335	7.25	7.4	7.8	8.05
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	134	7.6	7.514	8.6	6.7	0.127	0.356	7.25	7.4	7.8	8.05
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	134	0.025	0.031	0.2	0.003	0.001	0.026	0.009	0.016	0.04	0.057
00440p	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	62	75.	73.758	83.	60.	33.104	5.754	66.3	70.	78.	80.
00445p	CARBONATE ION (MG/L AS CO3)	12/11/48-06/24/76	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	68	1.	1.963	11.	0.	3.786	1.946	0.5	0.625	2.	4.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	93	0.02	0.041	0.34	0.	0.003	0.055	0.005	0.01	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	50 ##	0.005	0.005	0.01	0.	0.	0.003	0.	0.005	0.005	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	88	0.185	0.372	2.2	0.005	0.136	0.369	0.079	0.1	0.6	0.9
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/71-03/15/78	21	0.2	0.302	0.93	0.05	0.051	0.226	0.082	0.145	0.425	0.664
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/75-11/14/90	47	0.1	0.135	1.6	0.005	0.05	0.225	0.058	0.08	0.12	0.164
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	89	0.03	0.031	0.12	0.005	0.	0.02	0.01	0.02	0.04	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	90	0.01	0.018	0.24	0.	0.001	0.026	0.005	0.01	0.02	0.03
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	61	70.	68.869	80.	53.	33.316	5.772	61.	65.	74.	75.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	61	8.	8.311	14.	1.	6.585	2.566	5.	7.	10.	11.8
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	61	20.	20.311	25.	16.	3.385	1.84	18.	19.	21.5	23.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	61	4.4	4.393	5.9	1.1	0.582	0.763	3.52	4.05	4.9	5.2
00930p	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	57	1.7	1.77	2.6	1.1	0.121	0.347	1.3	1.5	2.05	2.3
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	42	1.1	1.383	3.4	0.2	0.573	0.757	0.63	0.9	1.575	2.67
00940p	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	60	1.	1.028	3.	0.2	0.271	0.52	0.5	0.8	1.	2.
00945p	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	62	12.	11.774	14.	6.	3.161	1.778	9.3	10.75	13.	14.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/11/48-07/31/58	20	0.1	0.13	0.3	0.	0.007	0.086	0.	0.1	0.2	0.29
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/11/48-02/22/72	40	5.5	5.713	7.2	4.1	0.825	0.908	4.51	5.1	6.675	6.99
01020	BORON, DISSOLVED (UG/L AS B)	12/11/48-07/31/58	23	0.05	0.045	0.09	0.	0.001	0.027	0.004	0.03	0.07	0.08
01045	IRON, TOTAL (UG/L AS FE)	12/11/48-10/31/57	20	0.015	0.019	0.06	0.	0.	0.014	0.001	0.01	0.028	0.039
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	82 ##	0.5	1.622	10.	0.5	7.707	2.776	0.5	0.5	1.	7.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	82 ##	-0.301	-0.078	1.	-0.301	0.158	0.398	-0.301	-0.301	0.	0.866
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.836								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/11/48-09/26/72	71	86.	86.211	120.	71.	61.826	7.863	77.	80.	90.	96.

** - Less than 9 observations ## - Computed 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: 2/01 to 4/15 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	48	3.6	4.027	8.3	0.6	3.59	1.895	1.6	2.7	5.4	6.82
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	83	91200.	102941.446	188000.	40000.	1570870910.079	39634.214	58272.	70200.	135000.	164360.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	36	3.	3.603	8.	0.5	4.412	2.1	1.	2.	5.	7.
00080p	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	42	11.5	11.488	25.	0.5	32.469	5.698	4.	8.	15.5	19.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	84	158.	159.024	210.	112.	186.24	13.647	145.	150.	166.75	173.5
00300	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	47	13.3	13.726	18.	11.5	1.658	1.287	12.66	13.	14.1	15.72
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	36	104.75	105.178	129.8	88.7	63.516	7.97	95.75	100.5	108.55	114.83
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	69	7.6	7.641	8.5	7.1	0.105	0.323	7.2	7.4	7.8	8.2
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	69	7.6	7.539	8.5	7.1	0.115	0.339	7.2	7.4	7.8	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	69	0.025	0.029	0.079	0.003	0.	0.019	0.006	0.016	0.04	0.063
00440p	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	34	81.	80.794	92.	73.	18.108	4.255	75.	77.	83.25	86.
00445p	CARBONATE ION (MG/L AS CO3)	12/11/48-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	37	2.	2.649	16.	0.5	7.512	2.741	0.5	1.	4.	5.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	48	0.03	0.055	0.52	0.005	0.009	0.096	0.005	0.02	0.06	0.091
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	27 ##	0.005	0.009	0.03	0.005	0.	0.007	0.005	0.005	0.01	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 #2: 2/01 to 4/15 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	49	0.2	0.443	1.3	0.01	0.159	0.399	0.1	0.14	0.85	1.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/71-03/15/78	12	0.16	0.163	0.28	0.04	0.005	0.073	0.046	0.11	0.228	0.268
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/75-11/14/90	21	0.16	0.164	0.29	0.13	0.001	0.034	0.14	0.14	0.175	0.198
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	48	0.031	0.054	0.88	0.01	0.015	0.123	0.02	0.02	0.05	0.07
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	48	0.02	0.019	0.05	0.	0.	0.011	0.005	0.01	0.02	0.031
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	34	75.5	75.735	85.	67.	18.807	4.337	71.	72.	78.	82.5
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	34	9.5	9.412	18.	1.	9.704	3.115	5.5	7.75	11.	12.5
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	34	22.	22.147	26.	19.	2.796	1.672	20.	21.	23.	24.5
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	34	4.95	4.956	6.2	3.9	0.237	0.487	4.3	4.675	5.2	5.6
00930p	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	29	2.3	2.352	3.6	1.5	0.215	0.463	1.8	2.	2.55	2.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	17	1.	1.506	5.3	0.8	1.478	1.216	0.88	0.95	1.25	4.1
00940p	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	33	1.	1.206	2.	0.7	0.214	0.462	0.8	1.	1.5	2.
00945p	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	33	15.	15.303	18.	13.	1.843	1.357	14.	14.	16.	17.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/11/48-07/31/58	8	0.2	0.125	0.2	0.	0.011	0.104	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/11/48-02/22/72	23	8.2	14.865	160.	6.1	1002.301	31.659	6.46	7.7	8.9	10.6
01020	BORON, DISSOLVED (UG/L AS B)	12/11/48-07/31/58	8	0.045	0.044	0.08	0.	0.001	0.023	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	12/11/48-10/31/57	7	0.03	0.086	0.3	0.	0.014	0.117	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	44 ##	0.5	1.727	10.	0.5	9.133	3.022	0.5	0.5	1.	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	44 ##	-0.301	-0.083	1.	-0.301	0.18	0.425	-0.301	-0.301	0.	1.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.827								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/11/48-09/26/72	41	98.	100.415	180.	86.	244.199	15.627	87.2	92.5	102.	107.8

** - 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 #3: 4/16 to 8/14 - Station CODA0071

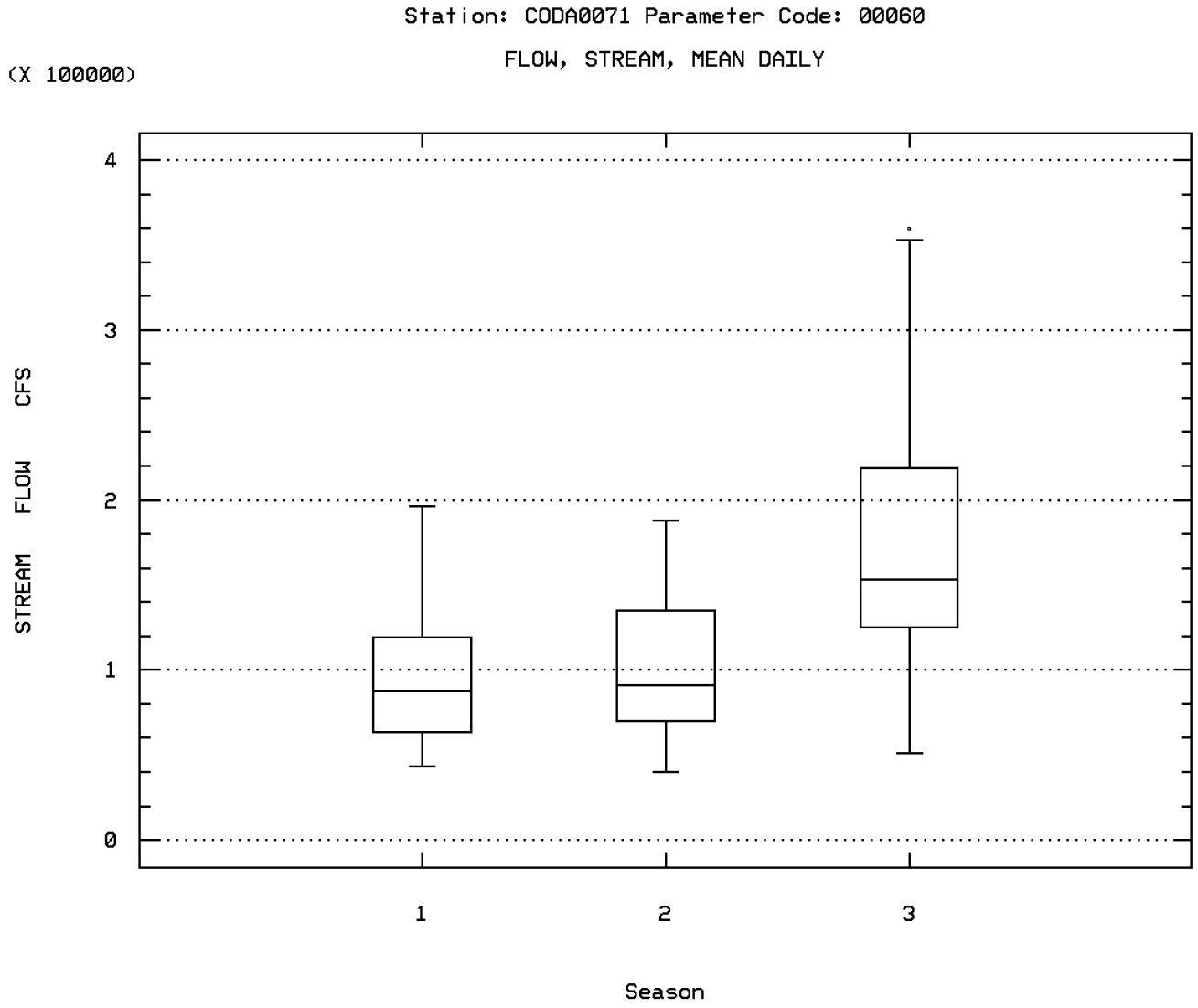
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/71-11/14/90	64	12.8	12.972	18.3	7.4	11.367	3.372	8.2	10.35	15.975	17.7
00060p	FLOW, STREAM, MEAN DAILY CFS	12/11/48-11/14/90	116	153300.	178407.414	359400.	51000.	6034163765.427	77679.88	91903.	124875.	219200.	312400.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/12/71-07/16/86	48	3.	3.146	9.	0.5	3.648	1.91	1.	2.	4.	6.
00080p	COLOR (PLATINUM-COBALT UNITS)	12/10/50-09/03/86	57	13.	14.982	42.	0.5	62.401	7.899	8.	9.	17.5	21.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/48-11/14/90	119	138.	141.714	204.	115.	204.274	14.292	127.	132.	148.	162.
00300	OXYGEN, DISSOLVED MG/L	10/12/71-11/14/90	63	11.8	11.671	14.9	8.5	2.524	1.589	9.54	10.4	12.9	13.62
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/77-11/14/90	47	109.1	109.33	130.7	92.7	67.36	8.207	99.26	103.2	115.	121.08
00400p	PH (STANDARD UNITS)	12/11/48-11/14/90	99	7.7	7.695	9.2	7.1	0.106	0.326	7.3	7.5	7.9	8.1
00400p	CONVERTED PH (STANDARD UNITS)	12/11/48-11/14/90	99	7.7	7.591	9.2	7.1	0.117	0.342	7.3	7.5	7.9	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/11/48-11/14/90	99	0.02	0.026	0.079	0.001	0.	0.018	0.008	0.013	0.032	0.05
00440p	BICARBONATE ION (MG/L AS HCO3)	12/11/48-09/23/76	54	72.	72.426	85.	57.	33.985	5.83	66.	68.75	77.	80.5
00445p	CARBONATE ION (MG/L AS CO3)	12/11/48-06/24/76	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/77-11/14/90	46	2.	2.065	6.	0.5	2.262	1.504	0.5	0.5	3.	4.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-11/14/90	61	0.03	0.044	0.21	0.01	0.001	0.034	0.01	0.02	0.06	0.08
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	34 ##	0.005	0.006	0.02	0.	0.	0.004	0.001	0.005	0.005	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/11/48-09/16/87	69	0.4	0.395	2.3	0.005	0.163	0.403	0.02	0.045	0.65	0.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/71-03/15/78	17	0.26	0.318	0.48	0.16	0.014	0.119	0.168	0.205	0.445	0.48
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/75-11/14/90	28	0.04	0.047	0.22	0.005	0.002	0.041	0.019	0.03	0.05	0.101
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-11/14/90	60	0.02	0.028	0.09	0.005	0.	0.014	0.01	0.02	0.04	0.042
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-11/14/90	62	0.01	0.009	0.03	0.	0.	0.008	0.	0.005	0.01	0.02
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	12/11/48-09/23/76	54	66.	66.944	81.	58.	34.695	5.89	60.	62.5	70.	76.5
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/11/48-09/23/76	54	7.	7.296	14.	0.	9.797	3.13	3.	6.	9.25	11.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	12/11/48-09/23/76	53	19.	19.528	23.	17.	2.446	1.564	18.	18.	20.	22.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/11/48-09/23/76	53	4.3	4.321	5.7	0.5	0.627	0.792	3.7	3.9	4.8	5.22
00930p	SODIUM, DISSOLVED (MG/L AS NA)	12/11/48-09/23/76	44	1.9	1.986	3.3	1.	0.298	0.546	1.35	1.6	2.45	2.75
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	12/11/48-09/23/76	34	0.95	1.2	3.8	0.6	0.527	0.726	0.65	0.8	1.3	2.3
00940p	CHLORIDE,TOTAL IN WATER MG/L	12/11/48-09/23/76	54	0.95	1.18	17.	0.2	4.939	2.222	0.5	0.7	1.	1.
00945p	SULFATE, TOTAL (MG/L AS SO4)	12/11/48-09/23/76	54	11.	11.63	17.	6.	6.162	2.482	9.	10.	13.25	16.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/11/48-07/31/58	17	0.2	0.159	0.3	0.	0.008	0.087	0.	0.1	0.2	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/11/48-02/22/72	36	7.9	8.044	12.	5.8	2.356	1.535	6.04	6.7	9.05	10.3

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

Seasonal Analysis for Season #3: 4/16 to 8/14 - Station CODA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	12/11/48-07/31/58	18	0.02	0.028	0.07	0.	0.001	0.023	0.	0.01	0.05	0.061
01045	IRON, TOTAL (UG/L AS FE)	12/11/48-10/31/57	13	0.03	0.034	0.07	0.01	0.	0.021	0.01	0.015	0.055	0.066
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	54 ##	0.5	2.241	20.	0.	19.913	4.462	0.5	0.5	1.	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-11/14/90	54 ##	-0.301	-0.038	1.301	-0.301	0.218	0.467	-0.301	-0.301	0.	1.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.917								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/11/48-09/26/72	61	84.	88.344	128.	76.	143.663	11.986	78.	80.5	94.	104.8

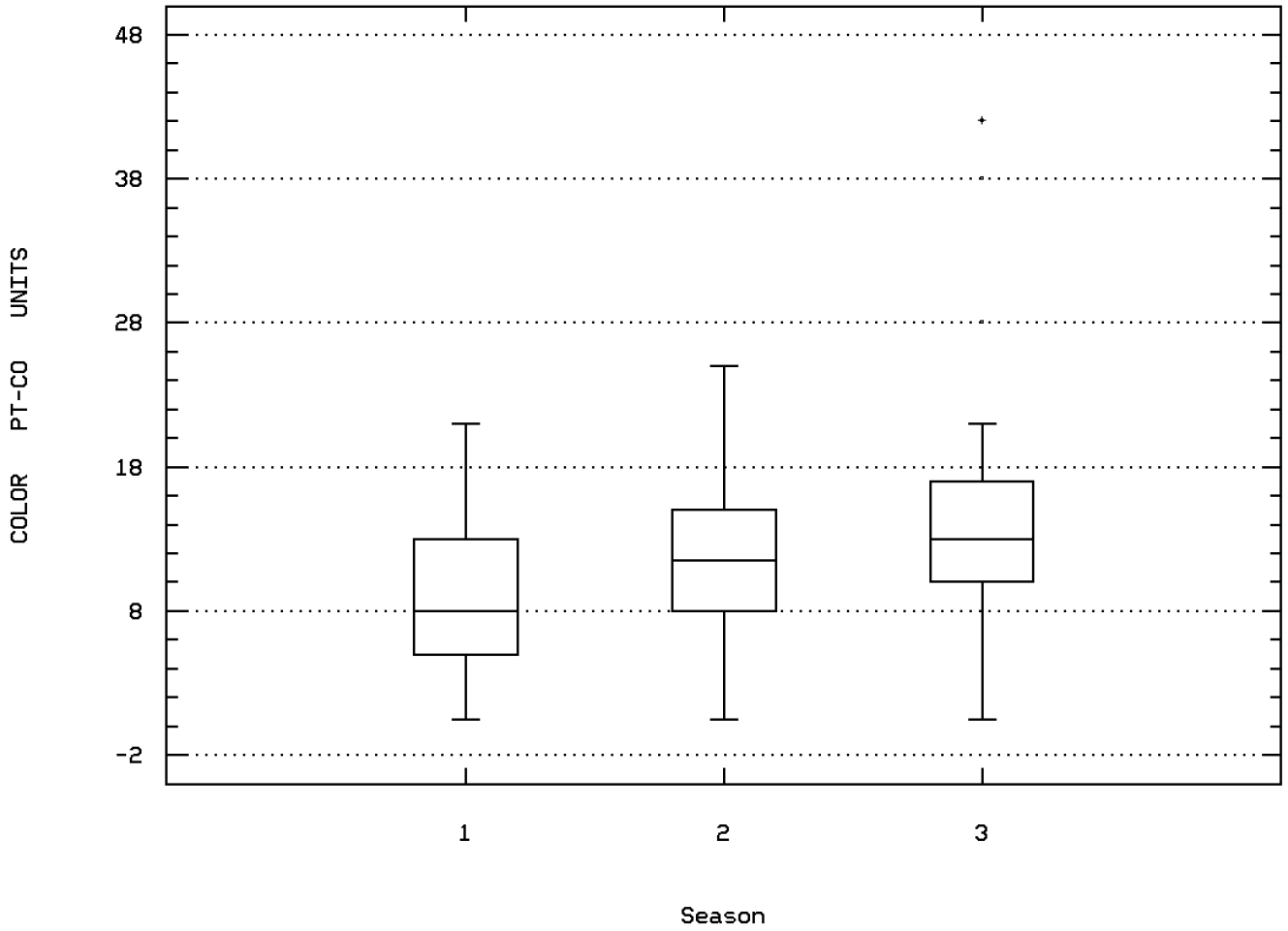
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



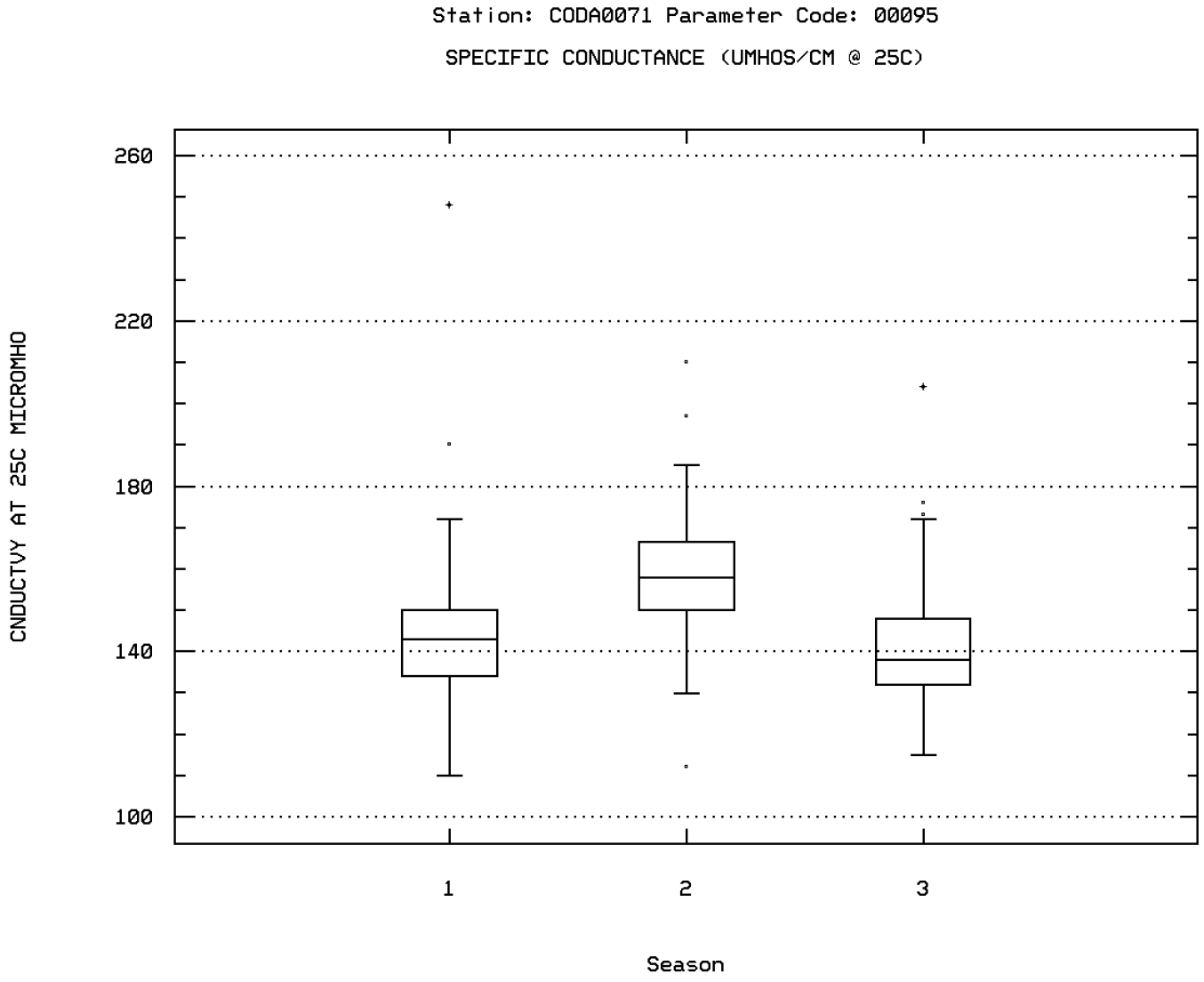
COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00080

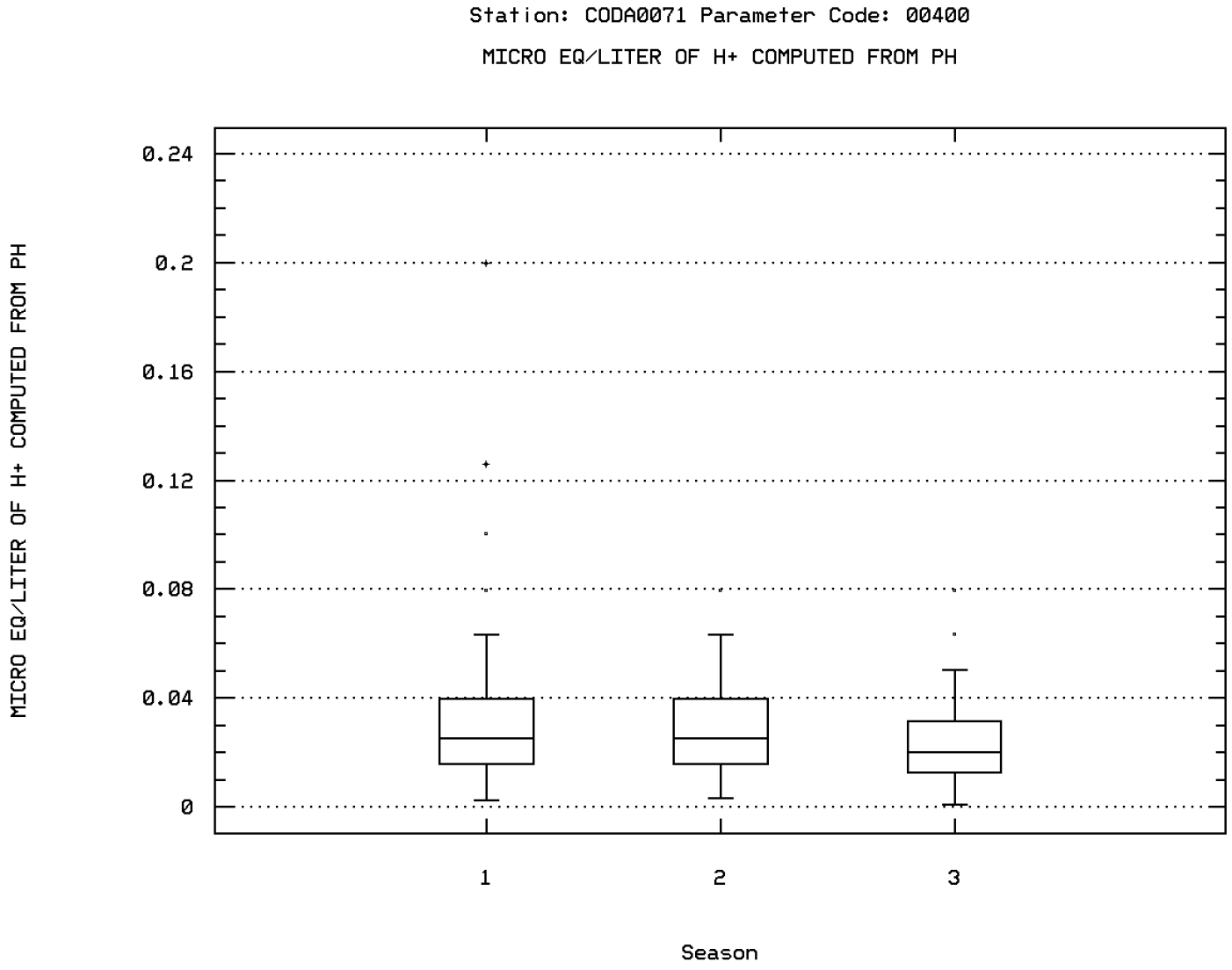
COLOR (PLATINUM-COBALT UNITS)



COLUMBIA R AT GRAND COULEE DAM



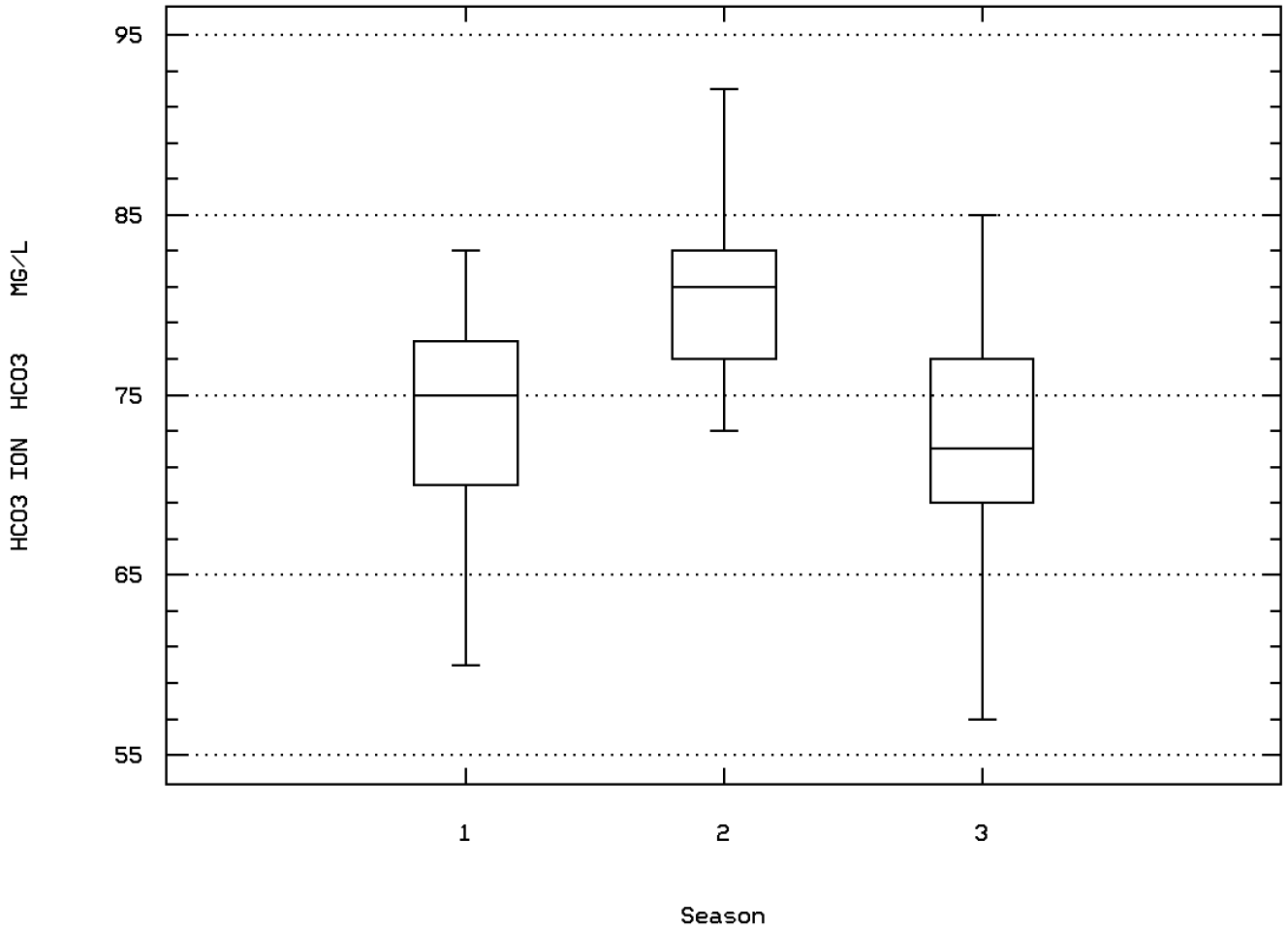
COLUMBIA R AT GRAND COULEE DAM



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00440

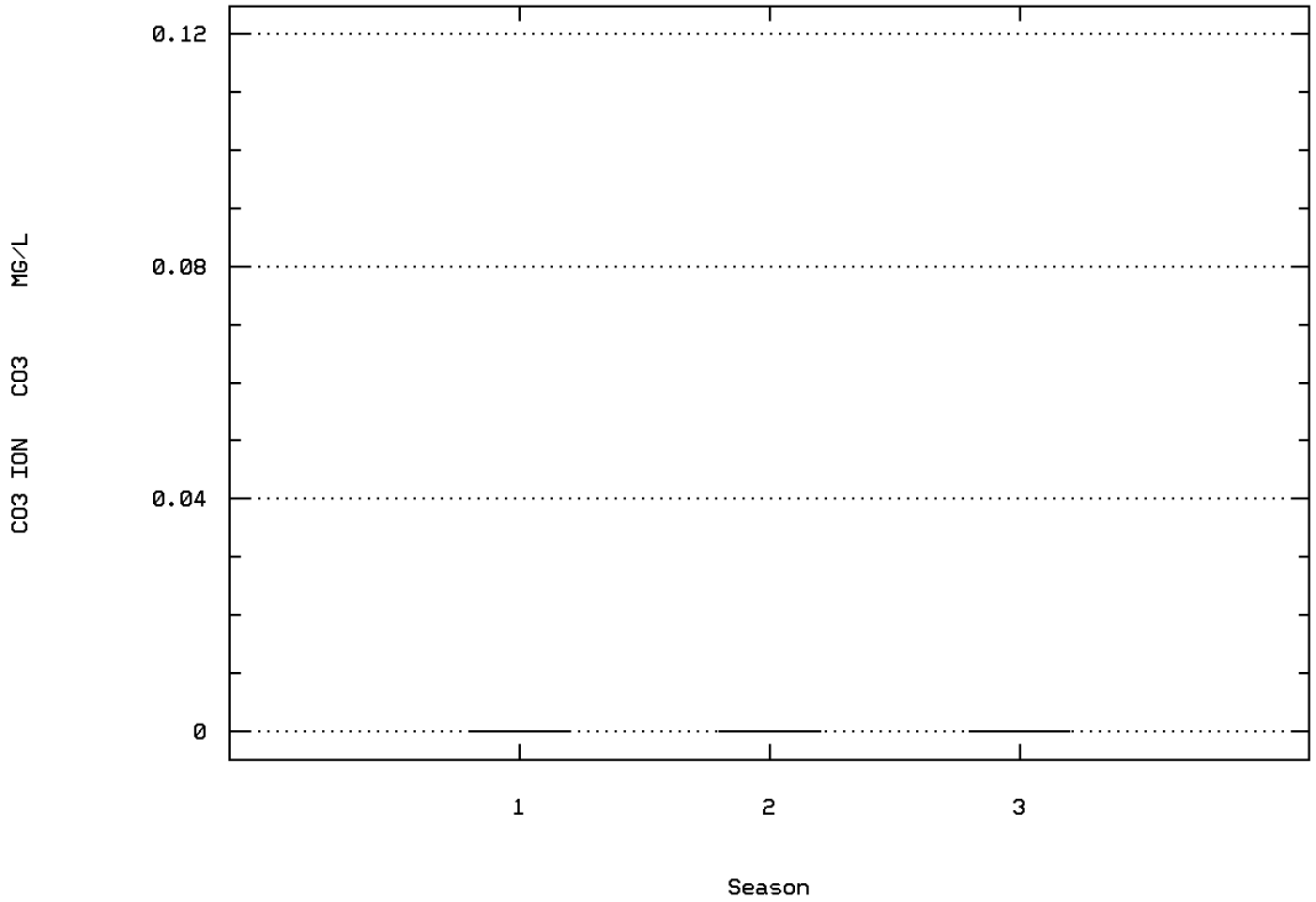
BICARBONATE ION (MG/L AS HCO3)



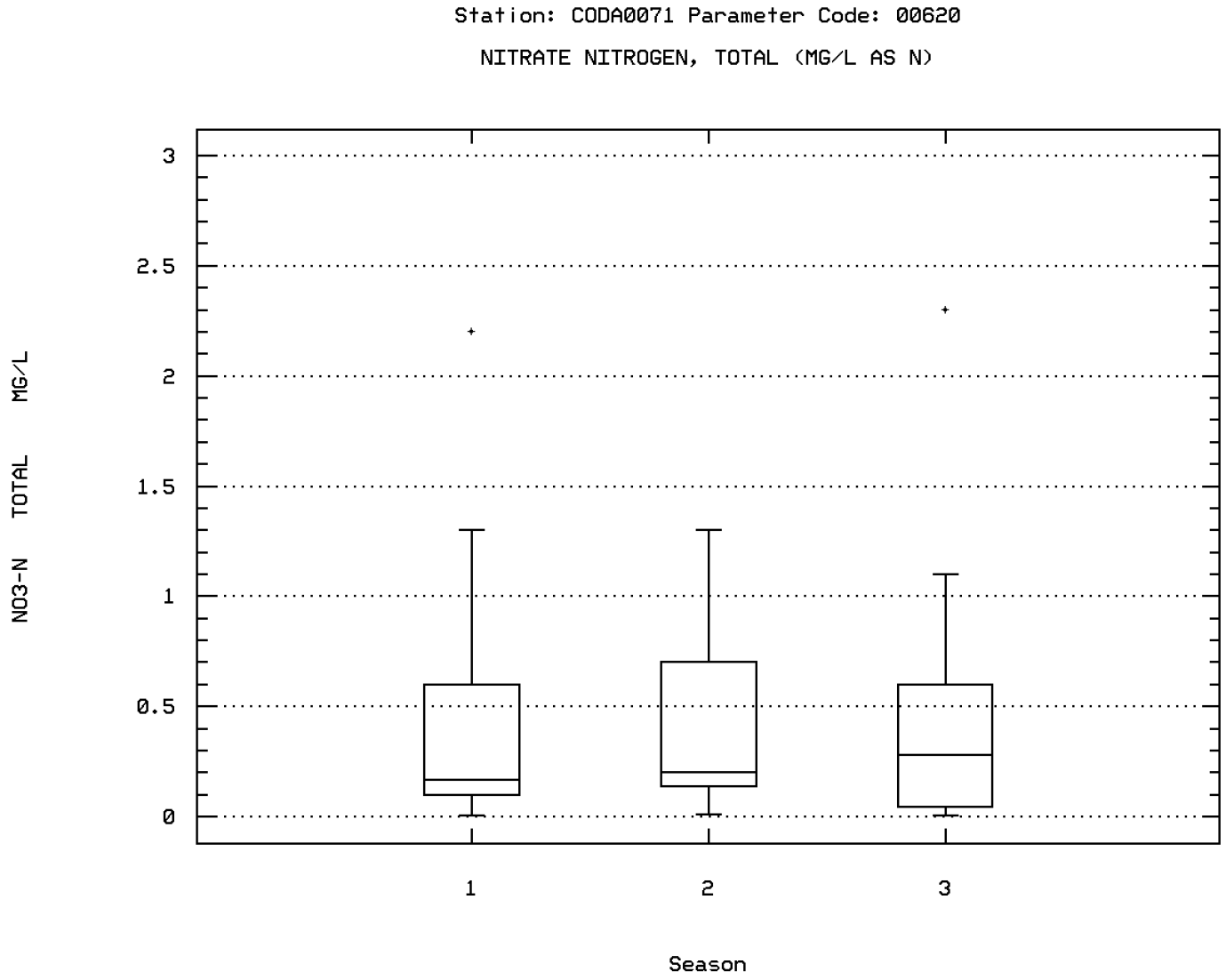
COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00445

CARBONATE ION (MG/L AS CO3)



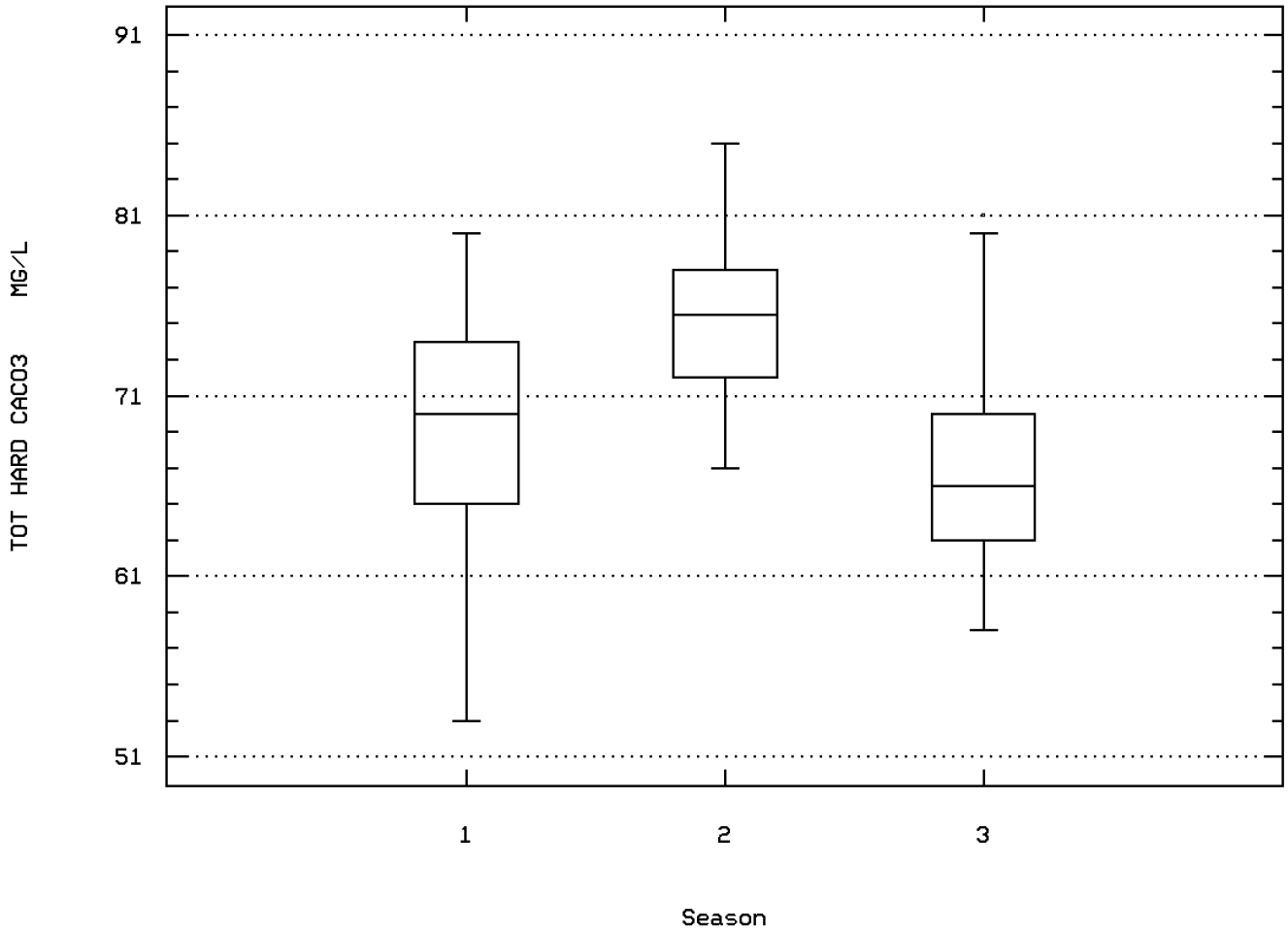
COLUMBIA R AT GRAND COULEE DAM



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00900

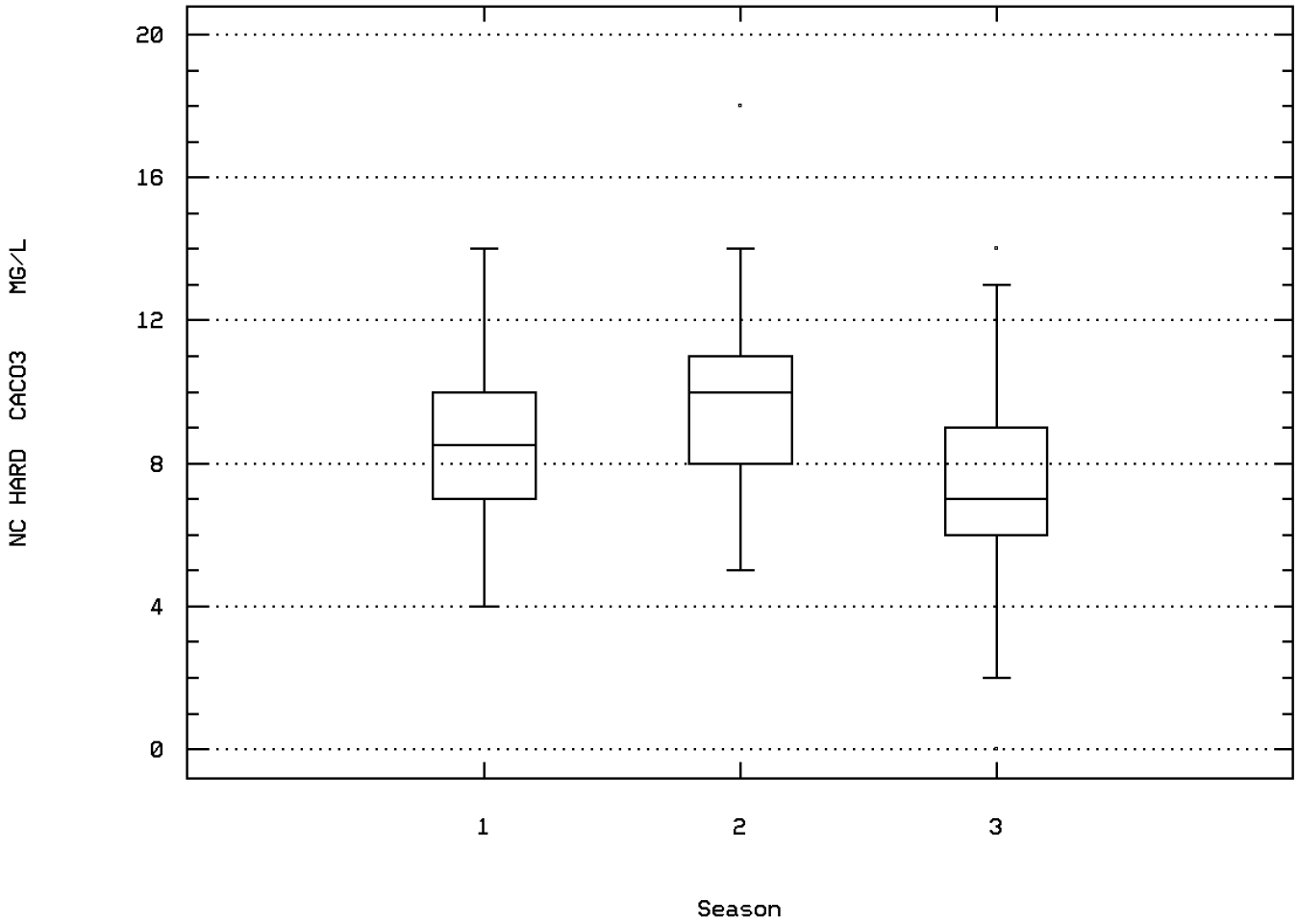
HARDNESS, TOTAL (MG/L AS CACO3)



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00902

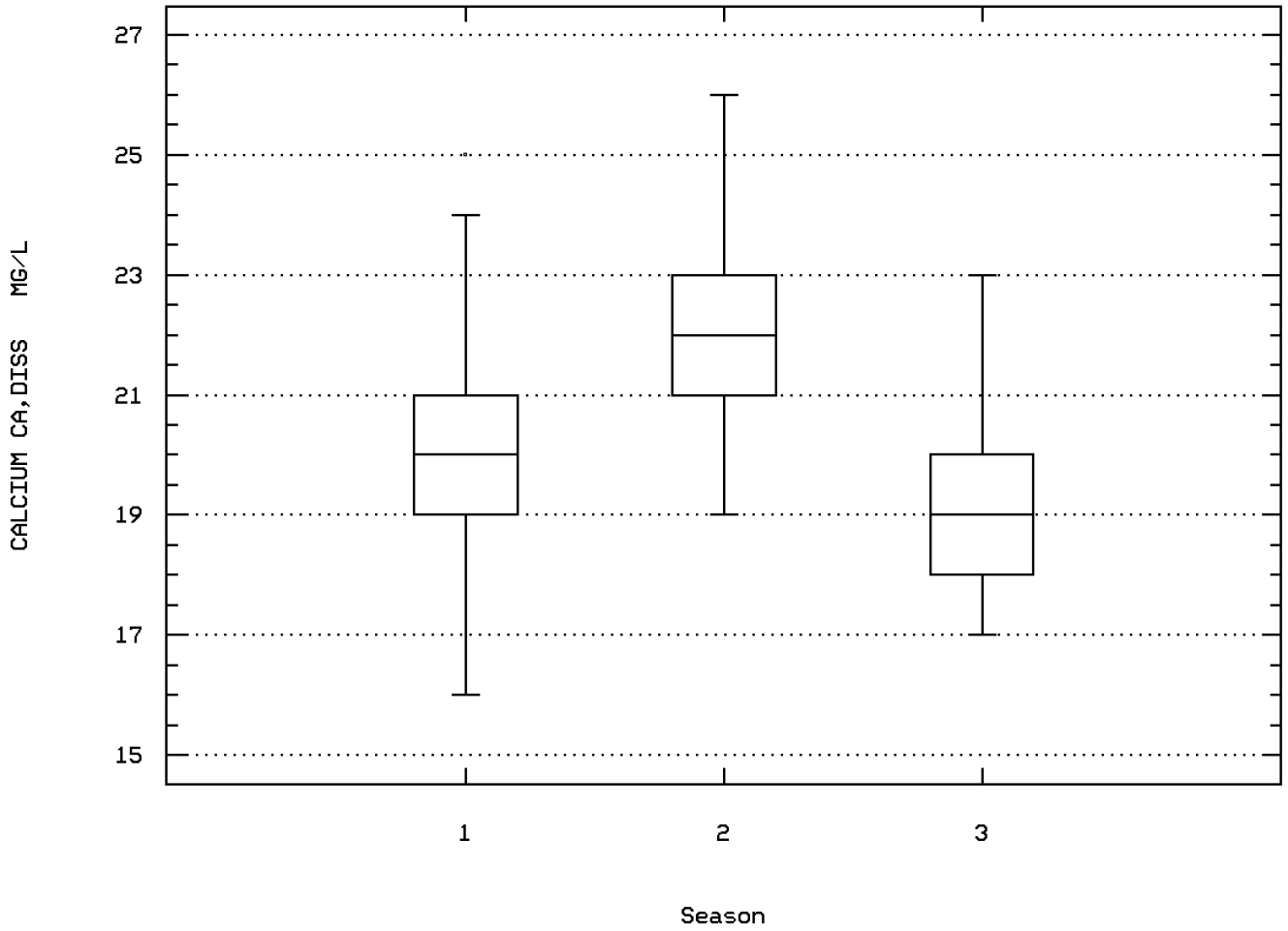
HARDNESS, NON-CARBONATE (MG/L AS CACO3)



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00915

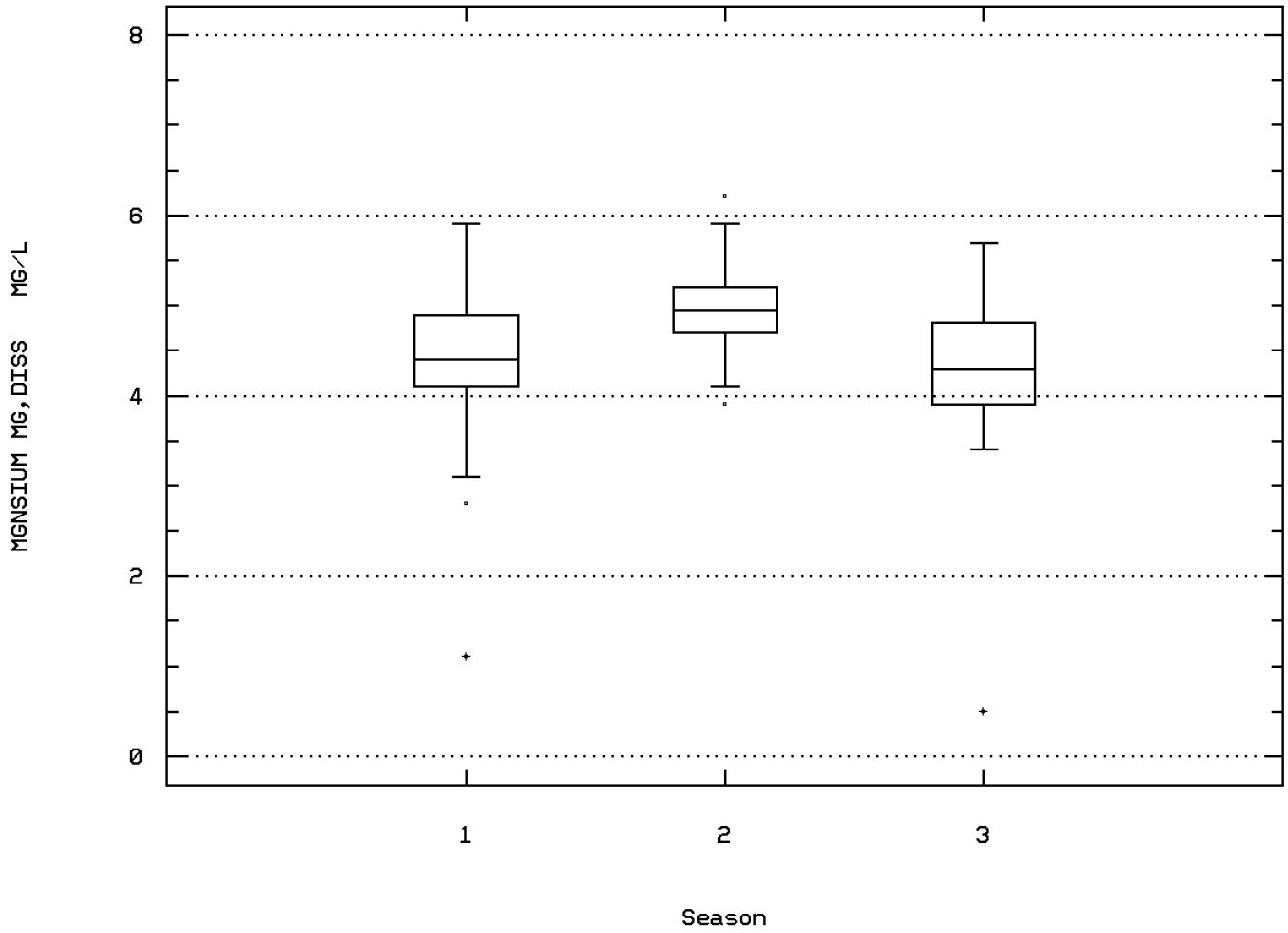
CALCIUM, DISSOLVED (MG/L AS CA)



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00925

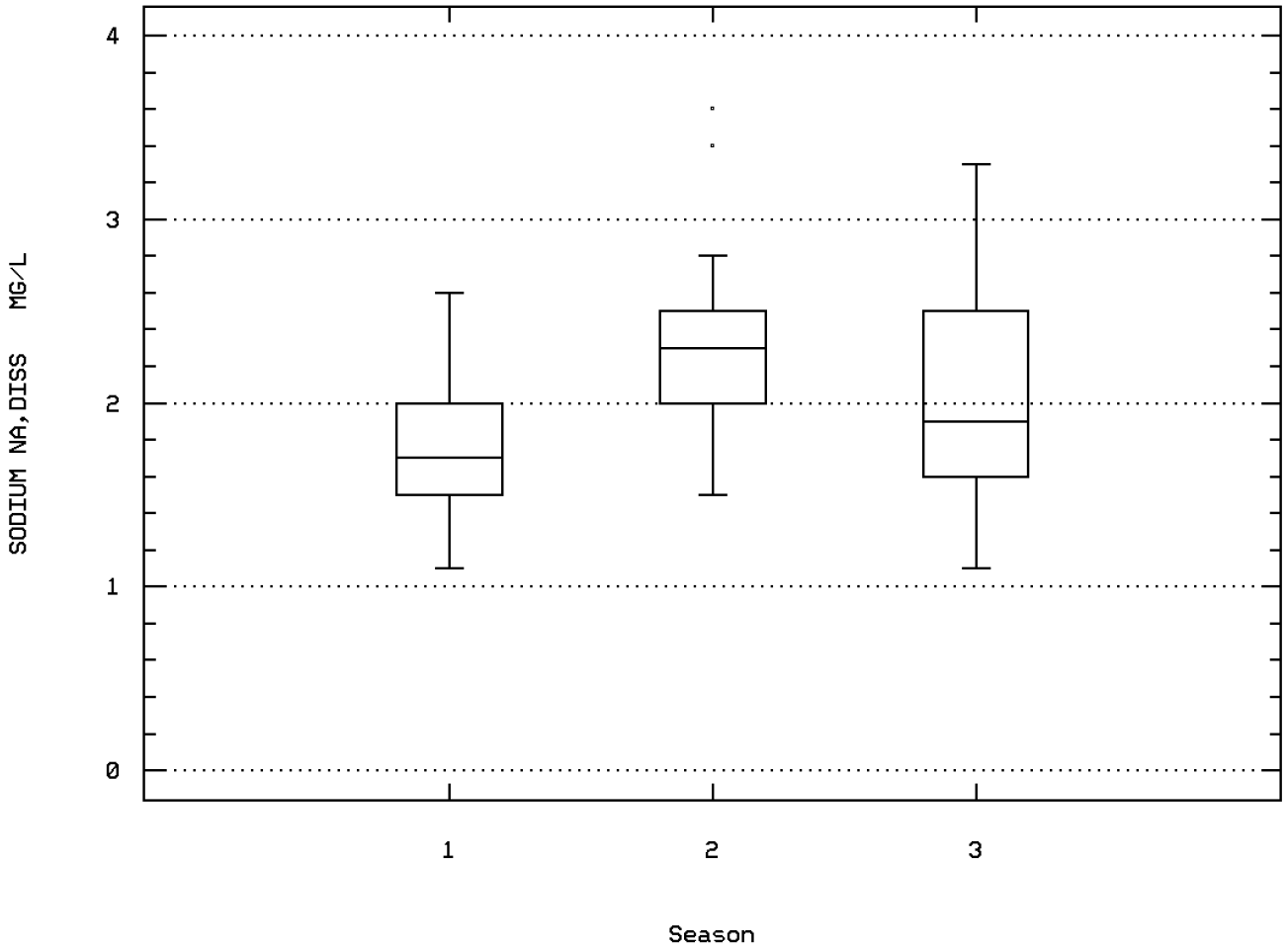
MAGNESIUM, DISSOLVED (MG/L AS MG)



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00930

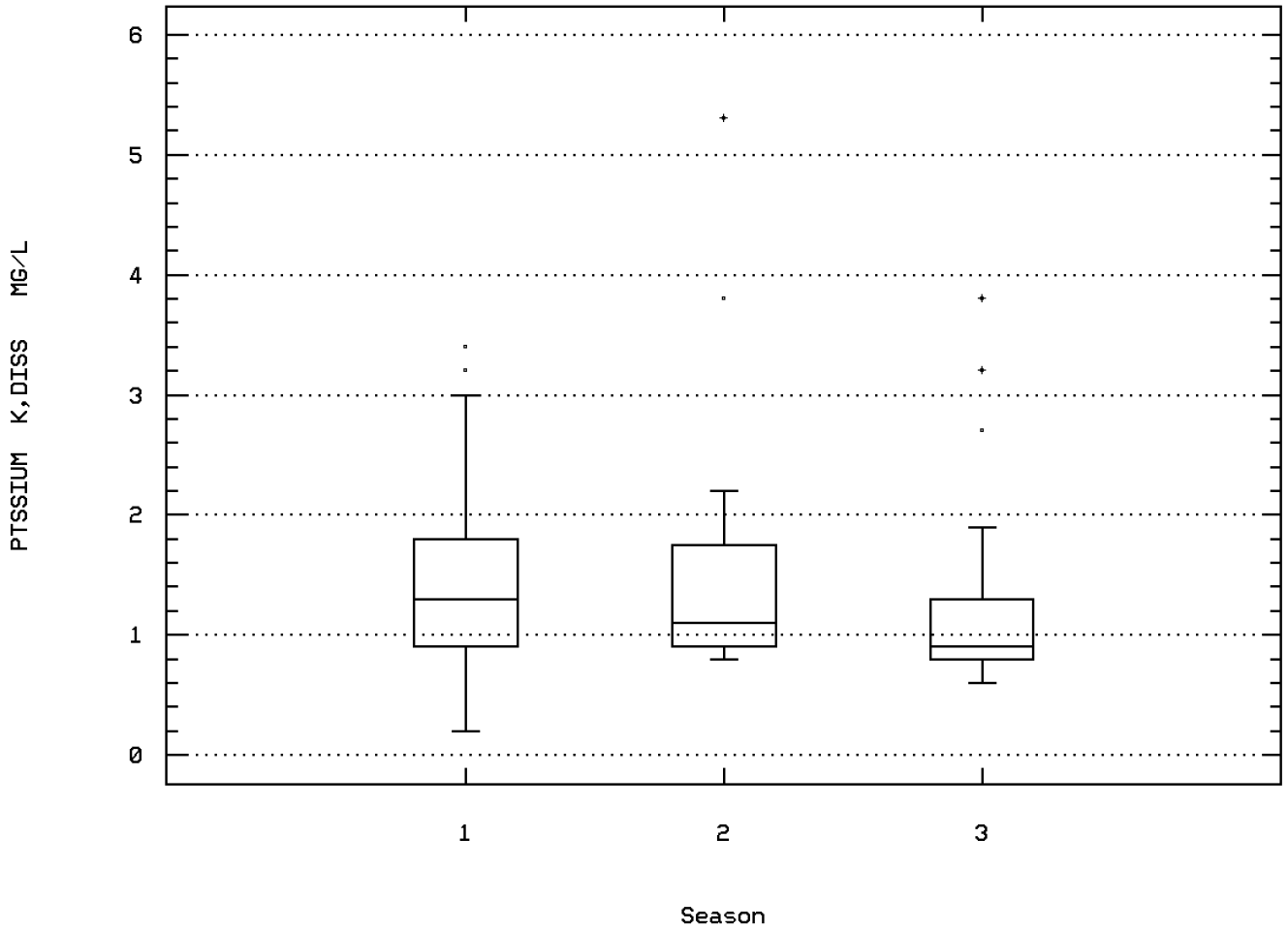
SODIUM, DISSOLVED (MG/L AS NA)



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00935

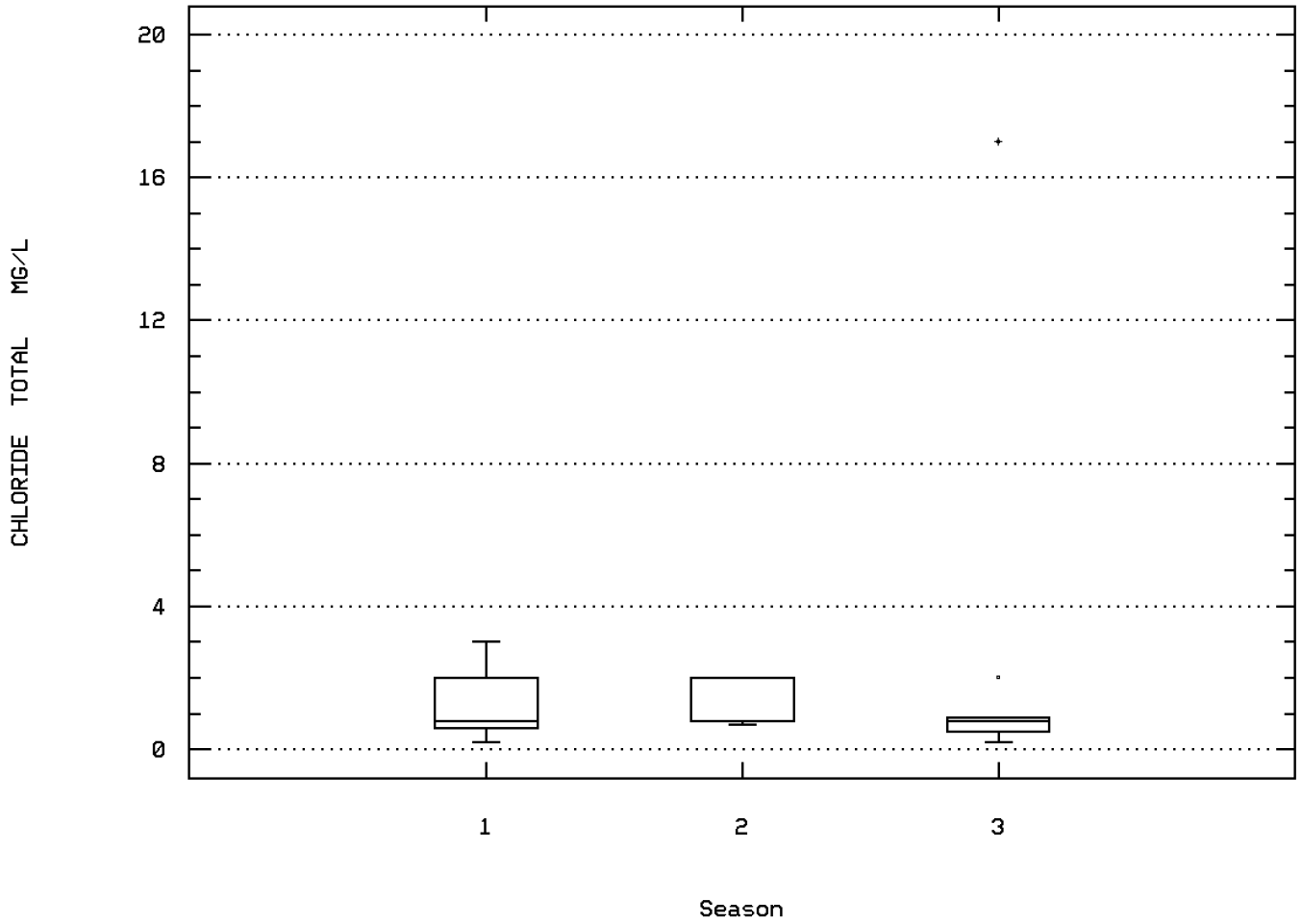
POTASSIUM, DISSOLVED (MG/L AS K)



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00940

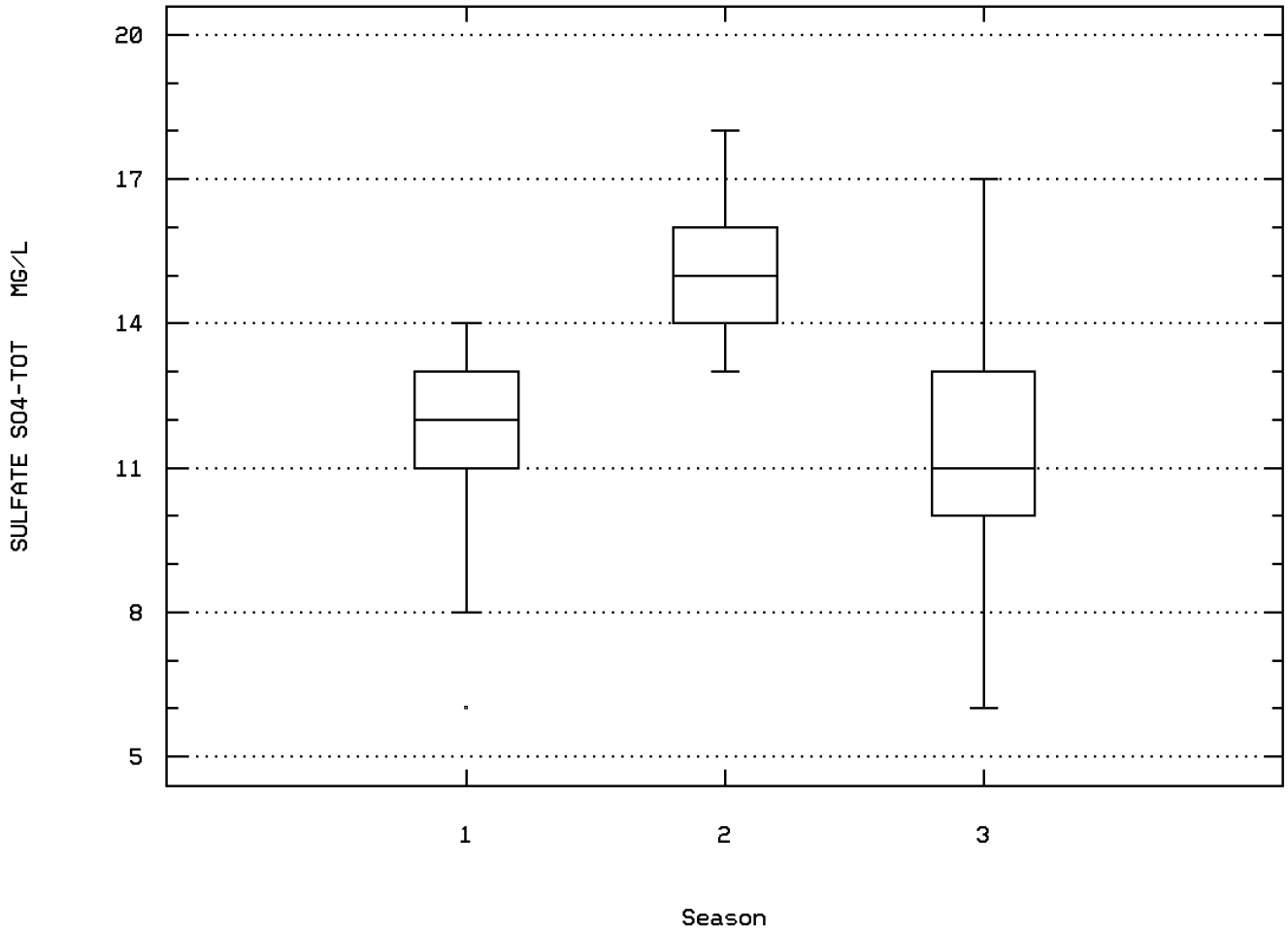
CHLORIDE,TOTAL IN WATER



COLUMBIA R AT GRAND COULEE DAM

Station: CODA0071 Parameter Code: 00945

SULFATE, TOTAL (MG/L AS SO4)



COLUMBIA R AT GRAND COULEE DAM

Station Inventory for Station: CODA0072

NPS Station ID: CODA0072
LAT/LON: 47.966670/-118.350003
Agency: NITROGEN
Date Created: / /
Location: COLUMBIA AT CASTLE ROCK CREEK
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SMCRC6
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0625.00
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001144
RF1 Mile Point: 5.150
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/72-05/26/72	5	9.2	8.72	10.8	5.8	3.332	1.825	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/06/72-05/26/72	5	12.4	12.5	12.9	12.3	0.065	0.255	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/72-05/26/72	5	112.3	112.74	117.6	108.2	11.233	3.352	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/72-05/26/72	1	6.19	6.19	6.19	6.19	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/26/72-05/26/72	1	6.19	6.19	6.19	6.19	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/72-05/26/72	1	0.646	0.646	0.646	0.646	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/26/72-05/26/72	1	52.	52.	52.	52.	0.	0.	**	**	**	**
73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/06/72-05/26/72	5	17.4	17.18	17.7	16.4	0.252	0.502	**	**	**	**
73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/06/72-05/26/72	5	1.2	1.16	1.2	1.1	0.003	0.055	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/06/72-05/06/72	2	109.35	109.35	115.1	103.6	66.125	8.132	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0072

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	5	0	0.00				1	0	0.00	4	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			

& - 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: CODA0073

NPS Station ID: CODA0073
LAT/LON: 47.966670/-118.350003
Agency: NITROGEN
Date Created: / /
Location: COLUMBIA AT CASTLE ROCK CREEK
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SMCRL6
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0625.00
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001144
RF1 Mile Point: 5.150
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/72-05/26/72	7	8.9	7.814	10.	5.7	3.778	1.944	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/06/72-05/26/72	7	12.5	12.557	12.9	12.3	0.04	0.199	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/72-05/26/72	7	112.6	110.757	115.4	104.5	21.563	4.644	**	**	**	**
73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/06/72-05/26/72	7	17.3	17.229	17.4	16.9	0.042	0.206	**	**	**	**
73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/06/72-05/26/72	7	1.2	1.157	1.2	1.1	0.003	0.053	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/06/72-05/06/72	2	109.3	109.3	114.7	103.9	58.32	7.637	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: CODA0073

			Total	Exceed	Prop.	8/15-1/31			2/01-4/15			4/16-8/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Fresh Acute	4.	7	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: CODA0074

NPS Station ID: CODA0074
LAT/LON: 47.966670/-118.350003
Agency: NITROGEN
Date Created: / /
Location: COLUMBIA AT CASTLE ROCK CREEK
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SMCRR6
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0625.00
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001144
RF1 Mile Point: 5.150
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/72-05/26/72	9	6.5	7.611	9.9	5.7	3.301	1.817	5.7	5.95	9.4	9.9
00300	OXYGEN, DISSOLVED MG/L	04/06/72-05/26/72	9	12.5	12.444	12.7	11.8	0.078	0.279	11.8	12.35	12.65	12.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/72-05/26/72	9	108.6	109.344	115.1	99.5	26.738	5.171	99.5	106.	114.1	115.1
73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/06/72-05/26/72	9	17.2	16.989	17.5	16.1	0.221	0.47	16.1	16.55	17.3	17.5
73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/06/72-05/26/72	9	1.1	1.122	1.2	1.1	0.002	0.044	1.1	1.1	1.15	1.2
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/06/72-05/06/72	3	109.	109.467	115.2	104.2	30.413	5.515	**	**	**	**

** - 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

EPA Water Quality Criteria Analysis for Station: CODA0074

				Total	Exceed	Prop.	8/15-1/31			2/01-4/15			4/16-8/14			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	9	0	0.00				1	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: CODA0075

NPS Station ID: CODA0075 LAT/LON: 47.966670/-118.980004 Agency: 10EPASPI Date Created: 07/11/81
Location: GRAND COULEE BLW SPILLWAY MID-RIVER FIPS State/County: 53017 WASHINGTON/DOUGLAS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 05A007
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17020005 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020005018 RF1 Mile Point: 14.770 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	04/26/80-04/26/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/26/80-04/26/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/26/80-04/26/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/26/80-04/26/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/26/80-04/26/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/26/80-04/26/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/26/80-04/26/80	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/26/80-04/26/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/26/80-04/26/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	04/26/80-04/26/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/26/80-04/26/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/26/80-04/26/80	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/26/80-04/26/80	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	04/26/80-04/26/80	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/26/80-04/26/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/26/80-04/26/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a 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			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	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			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	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

EPA Water Quality Criteria Analysis for Station: CODA0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	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			
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	10.	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: CODA0076

NPS Station ID: CODA0076
LAT/LON: 47.973059/-118.372782
Agency: 112WRD
Date Created: / /
Location: SIXMILE CREEK NEAR MILES, WASH.
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12410860
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020001143
RF1 Mile Point: 0.090
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-02/13/73	14	5.55	7.471	19.2	0.	45.578	6.751	0.	1.575	15.275	17.85
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/13/72-02/13/73	14	2.	6.621	46.	0.09	149.846	12.241	0.095	0.275	8.75	30.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/72-02/13/73	11	9.	36.455	195.	2.	3558.073	59.65	2.	3.	35.	175.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	13	103.	150.308	355.	53.	9828.231	99.137	56.2	71.5	231.	331.8
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	4	100.	103.5	188.	26.	6407.	80.044	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/12/72	4	122.	126.25	229.	32.	9484.917	97.391	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/12/72	4	0.14	0.135	0.23	0.03	0.008	0.088	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/12/72	4	0.07	0.11	0.27	0.03	0.012	0.109	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/24/72-12/12/72	4	0.01	0.008	0.01	0.	0.	0.005	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/24/72-12/12/72	4	0.31	0.395	0.87	0.09	0.111	0.333	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/12/72	4	0.22	0.245	0.45	0.09	0.028	0.167	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/72-12/12/72	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/12/72	4	0.067	0.094	0.22	0.02	0.008	0.091	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/12/72	3	0.032	0.037	0.06	0.02	0.	0.021	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	4	94.	99.5	190.	20.	6947.667	83.353	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/12/72	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/12/72	4	27.	28.675	55.	5.7	579.489	24.073	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/12/72	4	6.	6.375	12.	1.5	26.269	5.125	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/12/72	4	6.3	6.4	8.3	4.7	2.84	1.685	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/24/72-12/12/72	4	0.35	0.375	0.5	0.3	0.009	0.096	**	**	**	**
00932	SODIUM, PERCENT	03/24/72-12/12/72	4	16.	18.	31.	9.	110.	10.488	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/12/72	4	1.85	1.85	1.9	1.8	0.003	0.058	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/12/72	4	0.95	1.075	2.	0.4	0.449	0.67	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/12/72	4	7.5	8.5	14.	5.	19.	4.359	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/12/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/12/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/12/72	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/12/72	2	3.5	3.5	7.	0.	24.5	4.95	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/13/72-04/13/72	1	23.	23.	23.	23.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/13/72-04/13/72	1	1.362	1.362	1.362	1.362	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	3	60.	45.	68.	7.	1099.	33.151	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	3	1.778	1.485	1.833	0.845	0.308	0.555	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			30.567								
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/12/72-12/12/72	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/12/72-12/12/72	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/12/72	2	0.35	0.35	0.7	0.	0.245	0.495	**	**	**	**

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

Parameter Inventory for Station: CODA0076

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)	03/13/72-02/13/73	12	14.	88.167	555.	2.	26084.879	161.508	2.	4.	113.5	454.8
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/72-02/13/73	12	0.02	3.903	27.	0.	73.66	8.583	0.	0.	2.24	23.7

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: CODA0076

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	2	0.18	5	1	0.20	3	1	0.33	3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	3	0	0.00	2	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	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: CODA0077

NPS Station ID: CODA0077 LAT/LON: 47.977782/-118.365282 Agency: 10EPACOP Date Created: 10/22/88
Location: LAKE ROOSEVELT AT CASTLE ROCK R.M. 644.8 FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /RESERV/TYPA/AMBNT/SOLIDS STORET Station ID(s): 05A025
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17020001 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020001144 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
.2 MILE OFF RIGHT BANK, JUST ABOVE SIX-MILE CREEK.

Parameter Inventory for Station: CODA0077

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: CODA0078

NPS Station ID: CODA0078
LAT/LON: 48.005559/-118.681671
Agency: 10EPACOP
Date Created: 02/06/82
Location: MANILA CREEK AT MOUTH
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 208COL-048 /SITE #48
RMI-Indexes: 1310001 006230 00050
Within Park Boundary: Yes
RMI-Miles: 0616.00 0004.80 000.10
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020004001
RF1 Mile Point: 4.160
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: CODA0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/80-08/11/81	3	11.	15.133	25.4	9.	80.053	8.947	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/11/81-08/11/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/22/81-08/11/81	2	2.95	2.95	3.8	2.1	1.445	1.202	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/80-08/11/81	3	106.	113.	133.	100.	309.	17.578	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/80-08/11/81	3	10.2	9.	10.4	6.4	5.08	2.254	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/22/81-08/11/81	2	8.2	8.2	8.7	7.7	0.5	0.707	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/22/81-08/11/81	2	7.96	7.96	8.7	7.7	0.616	0.785	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/22/81-08/11/81	2	0.011	0.011	0.02	0.002	0.	0.013	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/15/80-08/11/81	3	54.	52.	76.	26.	628.	25.06	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/15/80-08/11/81	3	0.	6.333	19.	0.	120.333	10.97	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/80-08/11/81	3	0.01	0.013	0.02	0.01	0.	0.006	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/15/80-08/11/81	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/15/80-08/11/81	3	0.03	0.04	0.08	0.01	0.001	0.036	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/80-08/11/81	3	0.1	0.09	0.1	0.07	0.	0.017	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/80-08/11/81	3	0.045	0.047	0.06	0.037	0.	0.012	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	10/15/80-08/11/81	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/15/80-08/11/81	3	15.2	13.833	15.5	10.8	6.923	2.631	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/15/80-08/11/81	3	3.2	3.1	3.5	2.6	0.21	0.458	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/15/80-08/11/81	3	6.8	6.767	7.8	5.7	1.103	1.05	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/15/80-08/11/81	3	0.9	1.	1.8	0.3	0.57	0.755	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/15/80-08/11/81	3	1.	0.967	1.	0.9	0.003	0.058	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/15/80-08/11/81	3	6.	5.667	6.	5.	0.333	0.577	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/15/80-04/22/81	2 ##	3.25	3.25	5.	1.5	6.125	2.475	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	10/15/80-04/22/81	2 ##	77.5	77.5	120.	35.	3612.5	60.104	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/15/80-08/11/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/15/80-04/22/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/15/80-04/22/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/15/80-04/22/81	2	130.5	130.5	145.	116.	420.5	20.506	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/15/80-04/22/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/15/80-08/11/81	3	7.8	11.733	22.5	4.9	89.043	9.436	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/15/80-04/22/81	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/11/81-08/11/81	1	231.	231.	231.	231.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/15/80-08/11/81	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/80-08/11/81	3	83.	83.333	86.	81.	6.333	2.517	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/15/80-08/11/81	3	0.038	0.037	0.041	0.033	0.	0.004	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0078

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00							2	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	3	0	0.00	1	0	0.00				2	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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	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			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (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	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00				2	0	0.00			
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			
01092	ZINC, TOTAL	Fresh Acute	120.	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: CODA0079

NPS Station ID: CODA0079
LAT/LON: 48.007226/-118.696949
Agency: 112WRD
Date Created: / /
Location: MANILA CREEK NR. KELLER
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12435100
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020004
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/72-02/13/73	12	8.4	7.942	14.5	1.	29.061	5.391	1.09	2.25	13.975	14.44
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/15/72-02/13/73	13	2.	3.977	22.	0.6	37.437	6.119	0.6	0.75	4.	17.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/15/72-02/13/73	11	4.	23.	130.	2.	1652.8	40.655	2.	2.	18.	118.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	12	135.	133.	168.	82.	792.364	28.149	86.8	112.5	160.	166.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/20/72	4	64.5	59.75	75.	35.	334.25	18.283	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/20/72	4	78.5	72.75	91.	43.	488.25	22.096	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/72-12/20/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/20/72	4	0.055	0.16	0.53	0.	0.062	0.249	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/20/72	4	0.04	0.04	0.06	0.02	0.	0.016	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/20/72	4	0.01	0.008	0.01	0.	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/20/72	4	0.115	0.138	0.31	0.01	0.018	0.136	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/20/72	4	0.105	0.2	0.55	0.04	0.056	0.237	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/72-12/20/72	3	0.12	0.133	0.16	0.12	0.001	0.023	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/20/72	4	0.055	0.055	0.07	0.04	0.	0.017	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/72-12/20/72	3	0.04	0.044	0.053	0.04	0.	0.008	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/20/72	4	52.	50.25	67.	30.	256.25	16.008	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/20/72	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/20/72	4	15.5	14.775	19.	9.1	18.536	4.305	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/20/72	4	3.35	3.3	4.7	1.8	1.607	1.268	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/20/72	4	6.45	6.375	7.7	4.9	1.916	1.384	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/24/72-12/20/72	4	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/24/72-12/20/72	4	20.5	21.5	25.	20.	5.667	2.38	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/20/72	4	1.2	1.2	1.4	1.	0.033	0.183	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/20/72	4	0.85	1.1	2.	0.7	0.38	0.616	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/20/72	4	7.5	8.25	13.	5.	11.583	3.403	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/18/72-09/12/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/18/72-09/12/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/18/72-09/12/72	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/18/72-09/12/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/19/72-04/19/72	1	12.	12.	12.	12.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/19/72-04/19/72	1	1.079	1.079	1.079	1.079	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/72-12/20/72	3	50.	44.	70.	12.	868.	29.462	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/72-12/20/72	3	1.699	1.541	1.845	1.079	0.165	0.407	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			34.76								
71900	MERCURY, TOTAL (UG/L AS HG)	06/18/72-09/12/72	2	0.8	0.8	1.4	0.2	0.72	0.849	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/15/72-02/13/73	11	10.	50.455	313.	1.	8905.273	94.368	1.6	4.	64.	274.4
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/15/72-02/13/73	11	0.04	0.858	7.1	0.	4.506	2.123	0.002	0.01	0.38	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

EPA Water Quality Criteria Analysis for Station: CODA0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	2	0.18	5	0	0.00	2	2	1.00	4	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	3	0	0.00	2	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: CODA0080

NPS Station ID: CODA0080
LAT/LON: 48.009170/-118.670004
Agency: 112WRD
Date Created: / /
Location: DICK CREEK NR. KELLER
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12435050
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020004001
RF1 Mile Point: 4.950
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: CODA0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/14/72-02/13/73	9	8.2	7.9	16.	1.	34.153	5.844	1.	2.45	14.1	16.
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/72-02/13/73	10	0.55	1.51	6.	0.1	3.872	1.968	0.11	0.425	2.5	5.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/14/72-02/13/73	8	12.5	27.	120.	1.	1525.714	39.06	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	9	164.	160.	180.	121.	399.5	19.987	121.	146.	179.	180.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-06/18/72	2	75.	75.	87.	63.	288.	16.971	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-06/18/72	2	91.5	91.5	106.	77.	420.5	20.506	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-06/18/72	2	0.345	0.345	0.43	0.26	0.014	0.12	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-06/18/72	2	0.1	0.1	0.17	0.03	0.01	0.099	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/24/72-06/18/72	2	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/24/72-06/18/72	2	0.2	0.2	0.34	0.06	0.039	0.198	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-06/18/72	2	0.445	0.445	0.6	0.29	0.048	0.219	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/72-06/18/72	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-06/18/72	2	0.26	0.26	0.32	0.2	0.007	0.085	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/72-06/18/72	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-06/18/72	2	66.5	66.5	75.	58.	144.5	12.021	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-06/18/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-06/18/72	2	17.5	17.5	20.	15.	12.5	3.536	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-06/18/72	2	5.55	5.55	6.1	5.	0.605	0.778	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-06/18/72	2	8.15	8.15	9.1	7.2	1.805	1.344	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/24/72-06/18/72	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	03/24/72-06/18/72	2	21.	21.	21.	21.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-06/18/72	2	1.15	1.15	1.2	1.1	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-06/18/72	2	1.45	1.45	2.	0.9	0.605	0.778	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-06/18/72	2	6.	6.	6.	6.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/18/72-06/18/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/18/72-06/18/72	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/18/72-06/18/72	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/18/72-06/18/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/13/72-04/13/72	1	72.	72.	72.	72.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/13/72-04/13/72	1	1.857	1.857	1.857	1.857	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			72.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/72-06/18/72	1	580.	580.	580.	580.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/72-06/18/72	1	2.763	2.763	2.763	2.763	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			580.								
71900	MERCURY, TOTAL (UG/L AS HG)	06/18/72-06/18/72	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/14/72-02/13/73	8	64.	284.875	1770.	2.	364183.268	603.476	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/14/72-02/13/73	8	0.065	3.638	28.	0.	96.943	9.846	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0080

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	1	0.13	2	0	0.00	3	1	0.33	3	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			
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			
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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	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	1	1.00							1	1	1.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: CODA0081

NPS Station ID: CODA0081
LAT/LON: 48.011670/-118.948616
Agency: 112WRD
Date Created: / /
Location: PETER DAN CREEK AT ELMER CITY
FIPS State/County: 53047 WASHINGTON/OKANOGAN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12436542
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020005
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020005018
RF1 Mile Point: 11.120
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: CODA0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/17/72-02/14/73	13	8.1	8.262	18.8	0.5	34.733	5.893	0.7	1.8	13.5	16.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/17/72-02/14/73	13	0.5	1.023	6.	0.01	2.857	1.69	0.014	0.085	0.9	4.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/17/72-02/14/73	12	2.	5.5	22.	1.	60.091	7.752	1.	2.	3.75	22.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/25/72-02/14/73	12	271.	283.	380.	161.	5390.545	73.42	167.3	232.25	354.25	375.5
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/25/72-12/14/72	4	145.	137.75	186.	75.	2446.25	49.46	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/25/72-12/14/72	4	176.5	167.75	227.	91.	3652.917	60.439	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/14/72-12/14/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/14/72-12/14/72	2	0.085	0.085	0.12	0.05	0.002	0.049	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/72-12/14/72	4	0.075	0.08	0.14	0.03	0.002	0.05	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/25/72-12/14/72	4	0.01	0.011	0.02	0.005	0.	0.006	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/25/72-12/14/72	4	0.075	0.085	0.17	0.02	0.005	0.072	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/72-12/14/72	4	0.27	0.283	0.51	0.08	0.038	0.194	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/14/72-12/14/72	2	0.305	0.305	0.4	0.21	0.018	0.134	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/25/72-12/14/72	4	0.125	0.12	0.16	0.07	0.002	0.039	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/15/72-12/14/72	3	0.13	0.113	0.14	0.07	0.001	0.038	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/25/72-12/14/72	4	111.	107.5	150.	58.	1987.667	44.583	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/25/72-12/14/72	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/25/72-12/14/72	4	30.5	29.5	41.	16.	143.	11.958	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/25/72-12/14/72	4	8.5	8.325	12.	4.3	14.089	3.754	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/25/72-12/14/72	4	20.5	19.5	25.	12.	37.667	6.137	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/25/72-12/14/72	4	0.85	0.825	0.9	0.7	0.009	0.096	**	**	**	**
00932	SODIUM, PERCENT	03/25/72-12/14/72	4	28.	28.	30.	26.	5.333	2.309	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/25/72-12/14/72	4	4.1	4.075	5.6	2.5	1.929	1.389	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/25/72-12/14/72	4	3.5	3.25	4.	2.	0.917	0.957	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/25/72-12/14/72	4	12.5	13.25	23.	5.	82.917	9.106	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/15/72-09/14/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/72-09/14/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/15/72-09/14/72	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/72-09/14/72	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/17/72-04/17/72	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/17/72-04/17/72	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.5								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/72-12/14/72	3	25.	46.	89.	24.	1387.	37.242	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/11/72-12/14/72	3	1.398	1.576	1.949	1.38	0.105	0.324	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			37.657								
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/14/72-12/14/72	2	0.45	0.45	0.8	0.1	0.245	0.495	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/14/72-12/14/72	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/15/72-09/14/72	2	0.3	0.3	0.6	0.	0.18	0.424	**	**	**	**

** - Less than 9 observations ## - 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: CODA0081

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)	03/17/72-02/14/73	12	4.	19.583	120.	1.	1192.811	34.537	1.	1.25	30.	96.6
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/17/72-02/14/73	12	0.005	0.083	0.7	0.	0.04	0.2	0.	0.	0.058	0.538

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

EPA Water Quality Criteria Analysis for Station: CODA0081

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	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	2	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	2	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: CODA0082

NPS Station ID: CODA0082
LAT/LON: 48.013338/-118.701115
Agency: 10EPACOP
Date Created: 02/06/82
Location: MANILA CREEK AT TOLMAN ARM
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 208COL-063 /SITE #63
RMI-Indexes: 1310001 006230 00050
Within Park Boundary: No
RMI-Miles: 0616.00 0004.80 003.30
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020004
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-08/18/81	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/81-08/18/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/18/81-08/18/81	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/81-08/18/81	1	177.	177.	177.	177.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/18/81-08/18/81	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/18/81-08/18/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/18/81-08/18/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/81-08/18/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/18/81-08/18/81	1	109.	109.	109.	109.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/18/81-08/18/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/18/81-08/18/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/18/81-08/18/81	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/18/81-08/18/81	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/81-08/18/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/81-08/18/81	1	0.042	0.042	0.042	0.042	0.	0.	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	08/18/81-08/18/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/18/81-08/18/81	1	23.5	23.5	23.5	23.5	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/18/81-08/18/81	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/18/81-08/18/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/18/81-08/18/81	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/81-08/18/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/81-08/18/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/18/81-08/18/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/18/81-08/18/81	1	93.	93.	93.	93.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/18/81-08/18/81	1	290.	290.	290.	290.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/18/81-08/18/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/81-08/18/81	1	128.	128.	128.	128.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/18/81-08/18/81	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0082

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	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									
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									
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									
01092	ZINC, TOTAL	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: CODA0083

NPS Station ID: CODA0083
LAT/LON: 48.016670/-118.950005
Agency: NITROGEN
Date Created: / /
Location: GRAND COULEE DM TR 5 MI DOWN
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): WFCT01
RMI-Indexes: 1310001
Within Park Boundary: No
RMI-Miles: 0592.00
HUC: 17020005
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020005018
RF1 Mile Point: 10.720
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: CODA0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/72-06/20/72	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/20/72-06/20/72	1	12.8	12.8	12.8	12.8	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/20/72-06/20/72	1	124.3	124.3	124.3	124.3	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/20/72-06/20/72	1	150.5	150.5	150.5	150.5	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: CODA0083

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0084

NPS Station ID: CODA0084 LAT/LON: 48.017781/-118.410560 Agency: 112WRD Date Created: / /
Location: LITTLE NINEMILE CREEK NEAR FRUITLAND, WASH. FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12410830
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17020001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17020001132 RF1 Mile Point: 0.200 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: CODA0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-02/13/73	13	5.6	6.815	15.9	0.	31.163	5.582	0.	2.2	12.55	15.02
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/13/72-02/13/73	13	0.8	7.305	78.	0.03	453.852	21.304	0.038	0.145	3.5	48.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/72-02/13/73	12	5.	19.417	86.	1.	756.992	27.513	1.6	3.	32.	78.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	13	77.	88.462	179.	52.	1256.269	35.444	53.2	59.	106.	157.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	4	46.5	44.	62.	21.	376.667	19.408	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/12/72	4	57.	53.75	76.	25.	578.25	24.047	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/12/72	3	0.23	0.303	0.58	0.1	0.062	0.248	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/12/72	4	0.085	0.133	0.32	0.04	0.017	0.13	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/24/72-12/12/72	4	0.01	0.008	0.01	0.	0.	0.005	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/24/72-12/12/72	4	0.11	0.098	0.14	0.03	0.002	0.047	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/12/72	4	0.285	0.355	0.7	0.15	0.057	0.239	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/72-12/12/72	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/12/72	4	0.062	0.06	0.1	0.016	0.001	0.034	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/12/72	3	0.052	0.051	0.06	0.04	0.	0.01	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	4	34.5	34.	52.	15.	266.	16.31	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/12/72	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/12/72	4	10.05	9.875	15.	4.4	21.303	4.615	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/12/72	4	2.35	2.3	3.5	1.	1.327	1.152	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/12/72	4	5.4	5.475	7.	4.1	1.836	1.355	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/24/72-12/12/72	4	0.4	0.425	0.5	0.4	0.002	0.05	**	**	**	**
00932	SODIUM, PERCENT	03/24/72-12/12/72	4	24.	26.25	35.	22.	35.583	5.965	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/12/72	4	2.	1.95	2.4	1.4	0.23	0.48	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/12/72	4	0.85	0.85	1.	0.7	0.03	0.173	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/12/72	4	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/12/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/12/72	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/12/72	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/12/72	2	10.	10.	20.	0.	200.	14.142	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/13/72-04/13/72	1	7.	7.	7.	7.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/13/72-04/13/72	1	0.845	0.845	0.845	0.845	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	3	5.	9.333	20.	3.	86.333	9.292	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	3	0.699	0.826	1.301	0.477	0.182	0.426	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.694								
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/12/72-12/12/72	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/12/72-12/12/72	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/12/72	2	0.4	0.4	0.7	0.1	0.18	0.424	**	**	**	**

** - Less than 9 observations ## - 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: CODA0084

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)	03/13/72-02/13/73	11	12.	164.909	1570.	2.	218743.491	467.7	2.	4.	32.	1284.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/72-02/13/73	11	0.01	30.261	331.	0.	9949.013	99.745	0.	0.	0.33	265.08

** - 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: CODA0084

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	2	0.17	6	1	0.17	3	1	0.33	3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	3	0	0.00	2	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	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: CODA0085

NPS Station ID: CODA0085 LAT/LON: 48.024170/-118.403338 Agency: 112WRD Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR NINEMILE CREEK RB FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 480127118241200
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	2.88	2.88	2.88	2.88	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	22.1	22.1	22.1	22.1	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	1136.	1136.	1136.	1136.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	88.8	88.8	88.8	88.8	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	42.	42.	42.	42.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1	57.	57.	57.	57.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1	179.	179.	179.	179.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1	3.74	3.74	3.74	3.74	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1	900.	900.	900.	900.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/12/92-10/12/92	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	1	1.31	1.31	1.31	1.31	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/12/92-10/12/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/12/92-10/12/92	1	75.	75.	75.	75.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/12/92-10/12/92	1	79.	79.	79.	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

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

Station Inventory for Station: CODA0086

NPS Station ID: CODA0086 LAT/LON: 48.024726/-118.376670 Agency: 112WRD Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR NINEMILE CREEK LB FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 480129118223600
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0086

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)	10/12/92-10/12/92	1		7.	7.	7.	7.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/12/92-10/12/92	1		3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/12/92-10/12/92	1		32.	32.	32.	32.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/12/92-10/12/92	1		130.	130.	130.	130.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/12/92-10/12/92	1		350.	350.	350.	350.	0.	0.	**	**	**	**
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1		7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1		2.55	2.55	2.55	2.55	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1		11.8	11.8	11.8	11.8	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1		1209.	1209.	1209.	1209.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1		3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	##	37.85	37.85	37.85	37.85	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1		44.8	44.8	44.8	44.8	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1		0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1		144.	144.	144.	144.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1		412.	412.	412.	412.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1		0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1		3.19	3.19	3.19	3.19	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1		890.	890.	890.	890.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/12/92-10/12/92	1		0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	1	##	5.	5.	5.	5.	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	1		1.67	1.67	1.67	1.67	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	1		0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/12/92-10/12/92	1		0.	0.	0.	0.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/12/92-10/12/92	1		0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/12/92-10/12/92	1		75.	75.	75.	75.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/12/92-10/12/92	1		44.	44.	44.	44.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0087

NPS Station ID: CODA0087 LAT/LON: 48.024726/-118.391393 Agency: 112WRD Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR NINEMILE CREEK MS FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 480129118232900
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	5.41	5.41	5.41	5.41	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	13.9	13.9	13.9	13.9	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	930.	930.	930.	930.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	110.	110.	110.	110.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	82.	82.	82.	82.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/12/92-10/12/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1	269.	269.	269.	269.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1	591.	591.	591.	591.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1	1.22	1.22	1.22	1.22	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/12/92-10/12/92	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/12/92-10/12/92	1	1.13	1.13	1.13	1.13	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	1	2.35	2.35	2.35	2.35	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/12/92-10/12/92	1	1.42	1.42	1.42	1.42	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/12/92-10/12/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/12/92-10/12/92	1	2900.	2900.	2900.	2900.	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/12/92-10/12/92	1	48.	48.	48.	48.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/12/92-10/12/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/12/92-10/12/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/12/92-10/12/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/12/92-10/12/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/12/92-10/12/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/12/92-10/12/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/12/92-10/12/92	1	84.	84.	84.	84.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/12/92-10/12/92	1	95.	95.	95.	95.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/12/92-10/12/92	1	66.	66.	66.	66.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/12/92-10/12/92	1	34.	34.	34.	34.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0088

NPS Station ID: CODA0088
LAT/LON: 48.029727/-118.656670
Agency: 112WRD
Date Created: / /
Location: JOHN TOM CREEK NR. KELLER
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12435020
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020004002
RF1 Mile Point: 0.580
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/14/72-02/13/73	13	7.6	7.892	17.	0.	33.919	5.824	0.4	2.55	13.8	16.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/72-02/13/73	14	0.65	1.336	7.	0.1	3.712	1.927	0.15	0.2	1.25	5.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/14/72-02/13/73	11	7.	18.273	98.	2.	798.218	28.253	2.	2.	24.	84.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	13	230.	241.769	315.	160.	2569.692	50.692	170.	204.5	300.	313.8
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	4	134.5	124.25	154.	74.	1434.917	37.88	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/12/72	4	164.	151.5	188.	90.	2131.667	46.17	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/12/72	4	0.2	0.265	0.54	0.12	0.037	0.193	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/12/72	4	0.045	0.078	0.18	0.04	0.005	0.068	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/12/72	4	0.01	0.03	0.1	0.	0.002	0.047	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/12/72	4	0.545	0.608	0.92	0.42	0.052	0.227	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/12/72	4	0.245	0.343	0.72	0.16	0.067	0.259	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/72-12/12/72	3	0.43	0.417	0.55	0.27	0.02	0.14	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/12/72	4	0.15	0.171	0.37	0.015	0.023	0.153	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/72-12/12/72	3	0.14	0.136	0.18	0.087	0.002	0.047	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	4	114.5	108.75	140.	66.	1116.917	33.42	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/12/72	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/12/72	4	30.	28.25	36.	17.	74.917	8.655	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/12/72	4	10.2	9.8	13.	5.8	11.013	3.319	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/12/72	4	10.95	10.475	12.	8.	3.703	1.924	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/24/72-12/12/72	4	0.4	0.425	0.5	0.4	0.002	0.05	**	**	**	**
00932	SODIUM, PERCENT	03/24/72-12/12/72	4	16.5	17.	20.	15.	4.667	2.16	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/12/72	4	1.9	1.9	2.3	1.5	0.133	0.365	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/12/72	4	2.5	2.75	4.	2.	0.917	0.957	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/12/72	4	7.5	8.25	12.	6.	8.25	2.872	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/18/72-09/12/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/18/72-09/12/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/18/72-09/12/72	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/18/72-09/12/72	2	10.	10.	20.	0.	200.	14.142	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/13/72-04/13/72	1	46.	46.	46.	46.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/13/72-04/13/72	1	1.663	1.663	1.663	1.663	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			46.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/72-12/12/72	3	66.	61.667	90.	29.	944.333	30.73	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/72-12/12/72	3	1.82	1.745	1.954	1.462	0.065	0.254	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			55.641								
71900	MERCURY, TOTAL (UG/L AS HG)	06/18/72-09/12/72	2	0.35	0.35	0.7	0.	0.245	0.495	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/14/72-02/13/73	12	32.5	314.	2120.	1.	434986.909	659.535	1.3	3.25	174.75	1841.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/14/72-02/13/73	12	0.07	2.356	21.	0.	37.67	6.138	0.	0.	0.368	16.59

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

EPA Water Quality Criteria Analysis for Station: CODA0088

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	1	0.09	5	1	0.20	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	3	0	0.00	2	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: CODA0089

NPS Station ID: CODA0089 | LAT/LON: 48.033337/-118.966670 | Agency: NITROGEN | Date Created: / /
Location: GRAND COULEE DAM TR 6 MI DOWN | FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): SMGCC1
RMI-Indexes: 1310001 | Within Park Boundary: No
RMI-Miles: 0593.60
HUC: 17020004 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER | ECO Region:
RF1 Index: 17020004 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: CODA0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/06/72-05/27/72	12	5.95	6.717	10.6	5.8	2.916	1.708	5.83	5.9	6.3	10.45
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/06/72-05/27/72	12	167900.	246741.667	600000.	147100.	28056155378.788	167499.718	147100.	160000.	233900.	600000.
00300	OXYGEN, DISSOLVED MG/L	04/06/72-05/27/72	11	15.4	15.109	15.6	14.4	0.211	0.459	14.42	14.6	15.5	15.58
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/06/72-05/27/72	11	128.3	128.245	135.1	120.5	17.477	4.181	121.1	125.9	129.6	134.96
00400	PH (STANDARD UNITS)	04/17/72-05/27/72	2	6.43	6.43	6.85	6.01	0.353	0.594	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/17/72-05/27/72	2	6.252	6.252	6.85	6.01	0.416	0.645	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/72-05/27/72	2	0.559	0.559	0.977	0.141	0.349	0.591	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/17/72-05/27/72	2	56.5	56.5	62.	51.	60.5	7.778	**	**	**	**
72034	FLOW, INSTANTANEOUS SPILLWAY DISCHARGE CFS	04/06/72-05/27/72	12	98350.	107075.	160500.	80000.	758740227.273	27545.24	80000.	91000.	116225.	160500.
73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/06/72-05/27/72	12	19.95	19.942	22.	18.	1.052	1.026	18.18	19.425	20.375	21.67
73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/06/72-05/27/72	12	1.3	1.308	1.5	1.2	0.008	0.09	1.2	1.225	1.375	1.47
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/13/72-04/17/72	2	135.95	135.95	164.9	107.	1676.205	40.941	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0089

				Total	Exceed	Prop.	8/15-1/31			2/01-4/15			4/16-8/14			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	11	0	0.00				7	0	0.00	4	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	1	0.50							2	1	0.50			

& - 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: CODA0090

NPS Station ID: CODA0090
LAT/LON: 48.042504/-118.663060
Agency: 112WRD
Date Created: 01/09/93
Location: SANPOIL RIVER NEAR KELLER LB
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480233118394700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0090

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1		7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1		1.18	1.18	1.18	1.18	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1		6.32	6.32	6.32	6.32	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1		936.	936.	936.	936.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1		0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1		65.	65.	65.	65.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1		24.	24.	24.	24.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1		0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1		20.6	20.6	20.6	20.6	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1		111.	111.	111.	111.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1	##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1		2.91	2.91	2.91	2.91	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1		530.	530.	530.	530.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/15/92-10/15/92	1		1.27	1.27	1.27	1.27	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/15/92-10/15/92	1		3.84	3.84	3.84	3.84	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/15/92-10/15/92	1		1.66	1.66	1.66	1.66	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/92-10/15/92	1		0.	0.	0.	0.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/15/92-10/15/92	1		52.	52.	52.	52.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0091

NPS Station ID: CODA0091
LAT/LON: 48.042781/-118.665005
Agency: 112WRD
Date Created: 01/09/93
Location: SANPOIL RIVER NEAR KELLER MS
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480234118395400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0091

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)	10/15/92-10/15/92	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/15/92-10/15/92	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/15/92-10/15/92	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/15/92-10/15/92	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/15/92-10/15/92	1	120.	120.	120.	120.	0.	0.	**	**	**	**
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	1.19	1.19	1.19	1.19	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	7.33	7.33	7.33	7.33	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	934.	934.	934.	934.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	83.	83.	83.	83.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	35.9	35.9	35.9	35.9	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1	23.1	23.1	23.1	23.1	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1	157.	157.	157.	157.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1	3.26	3.26	3.26	3.26	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1	580.	580.	580.	580.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/15/92-10/15/92	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/15/92-10/15/92	1	3.03	3.03	3.03	3.03	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/15/92-10/15/92	1	1.84	1.84	1.84	1.84	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/15/92-10/15/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/15/92-10/15/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/15/92-10/15/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/15/92-10/15/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/15/92-10/15/92	1	980.	980.	980.	980.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/15/92-10/15/92	1	590.	590.	590.	590.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/15/92-10/15/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/92-10/15/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/15/92-10/15/92	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/15/92-10/15/92	1	21.	21.	21.	21.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/15/92-10/15/92	1	85.	85.	85.	85.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/15/92-10/15/92	1	96.	96.	96.	96.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/15/92-10/15/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/15/92-10/15/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/15/92-10/15/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/15/92-10/15/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/15/92-10/15/92	1	42.	42.	42.	42.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/15/92-10/15/92	1	72.	72.	72.	72.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/15/92-10/15/92	1	29.	29.	29.	29.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/15/92-10/15/92	1	17.	17.	17.	17.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0092

NPS Station ID: CODA0092
LAT/LON: 48.043059/-118.665838
Agency: 112WRD
Date Created: 01/09/93
Location: SANPOIL RIVER NEAR KELLER RB
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480235118395700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	1.12	1.12	1.12	1.12	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	7.28	7.28	7.28	7.28	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	934.	934.	934.	934.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	81.6	81.6	81.6	81.6	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	43.	43.	43.	43.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/15/92-10/15/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1	28.7	28.7	28.7	28.7	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1	175.	175.	175.	175.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1	3.39	3.39	3.39	3.39	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/15/92-10/15/92	1	610.	610.	610.	610.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/15/92-10/15/92	1	1.98	1.98	1.98	1.98	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/15/92-10/15/92	1	2.97	2.97	2.97	2.97	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/15/92-10/15/92	1	1.83	1.83	1.83	1.83	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/15/92-10/15/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/15/92-10/15/92	1	250.	250.	250.	250.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/15/92-10/15/92	1	92.	92.	92.	92.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0093

NPS Station ID: CODA0093 LAT/LON: 48.045837/-118.665282 Agency: 10EPACOP Date Created: 10/22/88
Location: SANPOIL RIVER NEAR MOUTH FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /RESERV/TYPA/AMBNT/SOLIDS STORET Station ID(s): 05I000 /12434590
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17020004 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020004003 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
SEDIMENT TAKEN AT MIDCHANNEL AT SANPOIL R. ARM OF FDR LK. OFF SILVER CR

Parameter Inventory for Station: CODA0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-08/27/86	2	16.35	16.35	22.3	10.4	70.805	8.415	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/14/86-08/27/86	2	179.	179.	210.	148.	1922.	43.841	**	**	**	**
00400	PH (STANDARD UNITS)	05/14/86-08/27/86	2	8.05	8.05	8.7	7.4	0.845	0.919	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/14/86-08/27/86	2	7.68	7.68	8.7	7.4	1.119	1.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-08/27/86	2	0.021	0.021	0.04	0.002	0.001	0.027	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/14/86-08/27/86	2	5.5	5.5	10.	1.	40.5	6.364	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/14/86-08/27/86	2	79.5	79.5	96.	63.	544.5	23.335	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/86-08/27/86	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/14/86-08/27/86	2	0.4	0.4	0.6	0.2	0.08	0.283	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/86-08/27/86	2 ##	0.625	0.625	1.	0.25	0.281	0.53	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/14/86-08/27/86	2 ##	0.375	0.375	0.5	0.25	0.031	0.177	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/14/86-08/27/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/14/86-08/27/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/14/86-08/27/86	2 ##	0.375	0.375	0.5	0.25	0.031	0.177	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/14/86-08/27/86	2 ##	0.375	0.375	0.5	0.25	0.031	0.177	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/14/86-08/27/86	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0093

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a 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			
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			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			

& - 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: CODA0093

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	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			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	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			
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	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: CODA0094

NPS Station ID: CODA0094
LAT/LON: 48.047226/-118.435005
Agency: 112WRD
Date Created: / /
Location: NINEMILE CREEK NEAR FRUITLAND, WASH.
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12410800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020001132
RF1 Mile Point: 2.840
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-02/12/73	13	5.2	7.946	18.6	0.	49.273	7.019	0.	2.05	15.5	17.92
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/13/72-02/12/73	14	13.	40.571	195.	4.	3264.11	57.132	4.	5.	55.5	156.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/72-02/12/73	10	5.5	13.	45.	1.	296.444	17.218	1.1	2.	20.25	45.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/12/73	13	271.	249.769	310.	150.	3081.192	55.508	152.8	210.	299.	309.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	4	135.5	124.75	159.	69.	1784.25	42.24	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/12/72	4	165.	152.	194.	84.	2658.667	51.562	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/12/72	4	0.11	0.1	0.17	0.01	0.006	0.078	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/12/72	4	0.045	0.093	0.25	0.03	0.011	0.105	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/24/72-12/12/72	4	0.008	0.006	0.01	0.	0.	0.005	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/24/72-12/12/72	4	0.145	0.12	0.15	0.04	0.003	0.054	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/12/72	4	0.16	0.193	0.41	0.04	0.027	0.163	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/72-12/12/72	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/12/72	4	0.08	0.09	0.15	0.05	0.002	0.045	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/12/72	3	0.06	0.06	0.07	0.05	0.	0.01	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	4	130.5	119.5	150.	67.	1563.	39.535	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/12/72	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/12/72	4	36.	33.	42.	18.	124.667	11.165	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/12/72	4	10.15	9.425	12.	5.4	10.243	3.2	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/12/72	4	6.9	6.725	7.4	5.7	0.583	0.763	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/24/72-12/12/72	4	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/24/72-12/12/72	4	10.	11.	15.	9.	8.	2.828	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/12/72	4	1.7	1.675	1.8	1.5	0.023	0.15	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/12/72	4	0.9	1.05	2.	0.4	0.463	0.681	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/12/72	4	12.5	12.5	15.	10.	5.667	2.38	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/11/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/11/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/11/72	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/11/72	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/12/72-04/12/72	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/12/72-04/12/72	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.5								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	2	35.5	35.5	63.	8.	1512.5	38.891	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	2	1.351	1.351	1.799	0.903	0.402	0.634	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.45								
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/12/72-12/12/72	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/12/72-12/12/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/11/72	2	0.35	0.35	0.7	0.	0.245	0.495	**	**	**	**

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

Parameter Inventory for Station: CODA0094

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)	03/13/72-02/12/73	12	9.5	99.5	832.	0.	58686.636	242.253	0.3	2.	27.	661.9
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/72-02/12/73	12	0.255	42.934	438.	0.	15888.9	126.051	0.003	0.023	2.7	327.9

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

EPA Water Quality Criteria Analysis for Station: CODA0094

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	2	0	0.00	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									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	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: CODA0095

NPS Station ID: CODA0095
LAT/LON: 48.050281/-118.655281
Agency: 112WRD
Date Created: / /
Location: SILVER CREEK NR. KELLER
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12434900
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020004
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/14/72-02/13/73	13	6.3	6.662	11.8	1.8	13.303	3.647	2.08	3.35	10.4	11.68
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/72-02/13/73	15	0.4	0.647	2.	0.1	0.374	0.612	0.16	0.3	1.	2.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/14/72-02/13/73	11	2.	4.364	25.	0.	49.255	7.018	0.2	2.	4.	21.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	13	240.	234.231	260.	187.	716.192	26.762	189.4	209.	260.	260.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	4	121.5	117.5	137.	90.	437.667	20.92	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/12/72	4	148.5	143.5	167.	110.	648.333	25.462	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/12/72	4	0.165	0.193	0.4	0.04	0.023	0.152	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/12/72	4	0.025	0.028	0.04	0.02	0.	0.01	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/12/72	4	0.005	0.005	0.01	0.	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/12/72	4	0.23	0.228	0.3	0.15	0.005	0.074	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/12/72	4	0.19	0.22	0.44	0.06	0.026	0.161	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/72-12/12/72	3	0.34	0.333	0.37	0.29	0.002	0.04	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/12/72	4	0.12	0.117	0.13	0.099	0.	0.013	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/72-12/12/72	3	0.11	0.108	0.12	0.095	0.	0.013	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	4	109.5	108.75	130.	86.	396.917	19.923	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/12/72	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/12/72	4	27.5	27.5	33.	22.	24.333	4.933	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/12/72	4	9.45	9.375	11.	7.6	2.136	1.461	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/12/72	4	9.1	9.1	10.	8.2	0.867	0.931	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/24/72-12/12/72	4	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/24/72-12/12/72	4	15.	15.25	17.	14.	1.583	1.258	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/12/72	4	1.2	1.275	1.7	1.	0.096	0.31	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/12/72	4	1.	1.225	2.	0.9	0.269	0.519	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/12/72	4	10.	10.	11.	9.	0.667	0.816	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/18/72-09/12/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/18/72-09/12/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/18/72-09/12/72	2	4.	4.	4.	4.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/18/72-09/12/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/12/72-04/12/72	1	78.	78.	78.	78.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/12/72-04/12/72	1	1.892	1.892	1.892	1.892	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			78.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/72-12/12/72	3	61.	108.333	260.	4.	18064.333	134.404	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/72-12/12/72	3	1.785	1.601	2.415	0.602	0.847	0.92	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			39.883								
71900	MERCURY, TOTAL (UG/L AS HG)	06/18/72-09/12/72	2	0.2	0.2	0.4	0.	0.08	0.283	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/14/72-02/13/73	12	5.	15.833	137.	1.	1462.879	38.248	1.3	3.	8.25	98.9
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/14/72-02/13/73	12	0.	0.063	0.7	0.	0.04	0.201	0.	0.	0.018	0.496

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

EPA Water Quality Criteria Analysis for Station: CODA0095

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	3	1	0.33	2	1	0.50				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: CODA0096

NPS Station ID: CODA0096
LAT/LON: 48.065281/-118.672782
Agency: 112WRD
Date Created: / /
Location: MEADOW CREEK NR. KELLER
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12434800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020004003
RF1 Mile Point: 2.740
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: CODA0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/15/72-02/13/73	13	5.	7.	14.1	0.4	26.882	5.185	0.64	2.25	12.65	13.74
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/15/72-02/13/73	15	0.8	2.933	14.	0.2	15.377	3.921	0.26	0.4	6.	9.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/15/72-02/13/73	11	3.	6.273	30.	2.	66.418	8.15	2.	2.	6.	25.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	13	170.	164.692	215.	100.	1400.231	37.42	105.2	135.5	199.	213.8
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/20/72	4	64.5	59.25	71.	37.	257.583	16.049	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/20/72	4	78.5	72.25	87.	45.	383.583	19.585	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/72-12/20/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/20/72	4	0.08	0.15	0.37	0.07	0.022	0.147	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/20/72	4	0.055	0.063	0.11	0.03	0.001	0.034	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/20/72	4	0.01	0.008	0.01	0.	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/20/72	4	0.325	0.29	0.38	0.13	0.012	0.11	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/20/72	4	0.15	0.213	0.43	0.12	0.022	0.148	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/16/72-12/20/72	3	0.18	0.217	0.34	0.13	0.012	0.11	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/20/72	4	0.09	0.09	0.11	0.068	0.	0.019	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/16/72-12/20/72	3	0.06	0.07	0.11	0.041	0.001	0.036	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/20/72	4	63.	63.25	91.	36.	528.25	22.984	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/20/72	4	0.	5.	20.	0.	100.	10.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/20/72	4	17.5	17.5	25.	10.	39.	6.245	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/20/72	4	4.75	4.8	6.9	2.8	3.007	1.734	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/20/72	4	7.75	7.375	8.8	5.2	2.723	1.65	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/24/72-12/20/72	4	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/24/72-12/20/72	4	20.5	20.25	23.	17.	6.25	2.5	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/20/72	4	1.7	1.675	1.9	1.4	0.049	0.222	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/20/72	4	0.95	0.9	1.	0.7	0.02	0.141	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/20/72	4	20.5	23.5	40.	13.	137.667	11.733	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/16/72-09/12/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/16/72-09/12/72	2	4.	4.	6.	2.	8.	2.828	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/16/72-09/12/72	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/16/72-09/12/72	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/12/72-04/12/72	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/12/72-04/12/72	1	1.301	1.301	1.301	1.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/72-12/20/72	3	100.	161.667	340.	45.	24608.333	156.87	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/72-12/20/72	3	2.	2.062	2.531	1.653	0.196	0.442	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			115.23								
71900	MERCURY, TOTAL (UG/L AS HG)	06/16/72-09/12/72	2	0.55	0.55	0.9	0.2	0.245	0.495	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/15/72-02/13/73	11	8.	155.364	1590.	1.	226579.255	476.003	1.	2.	25.	1281.2
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/15/72-02/13/73	11	0.01	5.55	60.	0.	326.185	18.061	0.	0.	0.15	48.162

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

EPA Water Quality Criteria Analysis for Station: CODA0096

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	3	1	0.33	2	0	0.00				1	1	1.00			
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: CODA0097

NPS Station ID: CODA0097
LAT/LON: 48.065837/-118.666948
Agency: 10EPACOP
Date Created: 02/13/82
Location: MEADOW CREEK - LOWER
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 208COL-017 /SITE #17
RMI-Indexes: 1310001 006230 00110
Within Park Boundary: No
RMI-Miles: 0616.00 0009.00 000.20
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020004003
RF1 Mile Point: 2.740
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: CODA0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/80-08/13/81	3	10.3	12.6	19.	8.5	31.53	5.615	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/80-08/13/81	3	0.6	1.4	3.	0.6	1.92	1.386	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/03/80-08/13/81	3	2.4	4.033	7.6	2.1	9.563	3.092	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/03/80-08/13/81	3	163.	147.667	175.	105.	1401.333	37.434	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/03/80-08/13/81	3	10.6	9.833	10.8	8.1	2.263	1.504	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/03/80-08/13/81	3	7.3	7.367	7.6	7.2	0.043	0.208	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/03/80-08/13/81	3	7.3	7.336	7.6	7.2	0.045	0.211	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/80-08/13/81	3	0.05	0.046	0.063	0.025	0.	0.019	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/03/80-08/13/81	3	70.	68.333	79.	56.	134.333	11.59	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/03/80-08/13/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/80-08/13/81	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/80-08/13/81	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/03/80-08/13/81	3	0.04	0.037	0.04	0.03	0.	0.006	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/80-08/13/81	3	0.11	0.107	0.12	0.09	0.	0.015	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/80-08/13/81	3	0.06	0.055	0.065	0.04	0.	0.013	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	10/03/80-08/13/81	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/03/80-08/13/81	3	17.5	15.767	19.	10.8	19.063	4.366	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/03/80-08/13/81	3	4.	3.9	4.7	3.	0.73	0.854	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/03/80-08/13/81	3	7.	6.667	8.	5.	2.333	1.528	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/03/80-08/13/81	3	1.4	1.6	2.1	1.3	0.19	0.436	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/80-08/13/81	3	0.9	0.867	0.9	0.8	0.003	0.058	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/80-08/13/81	3	20.	16.	22.	6.	76.	8.718	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/03/80-04/20/81	2 ##	2.	2.	2.5	1.5	0.5	0.707	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	10/03/80-04/20/81	2 ##	42.5	42.5	50.	35.	112.5	10.607	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/03/80-08/13/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/80-04/20/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/03/80-04/20/81	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/03/80-04/20/81	2	231.	231.	385.	77.	47432.	217.789	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/03/80-04/20/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/03/80-08/13/81	3	6.9	13.833	31.2	3.4	229.263	15.141	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/03/80-04/20/81	2 ##	14.	14.	23.	5.	162.	12.728	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/13/81-08/13/81	1	195.	195.	195.	195.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/03/80-08/13/81	3 ##	5.	4.167	5.	2.5	2.083	1.443	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/80-08/13/81	3	99.	105.333	135.	82.	732.333	27.062	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/03/80-08/13/81	3	0.044	0.043	0.048	0.036	0.	0.006	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0097

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00				2	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	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			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (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	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00				2	0	0.00			
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			
01092	ZINC, TOTAL	Fresh Acute	120.	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: CODA0098

NPS Station ID: CODA0098
LAT/LON: 48.068059/-118.666671
Agency: 10EPACOP
Date Created: 04/17/82
Location: SANPOIL RIVER NEAR MOUTH
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 208COL-113
RMI-Indexes: 1310001 006230
Within Park Boundary: No
RMI-Miles: 0616.00 0009.50
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020004003
RF1 Mile Point: 2.740
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/79-10/03/79	1	218.	218.	218.	218.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/03/79-10/03/79	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/03/79-10/03/79	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/79-10/03/79	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/79-10/03/79	1	91.	91.	91.	91.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/03/79-10/03/79	1	111.	111.	111.	111.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/03/79-10/03/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/79-10/03/79	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/79-10/03/79	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/03/79-10/03/79	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/79-10/03/79	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/79-10/03/79	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/03/79-10/03/79	1	26.2	26.2	26.2	26.2	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/03/79-10/03/79	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/03/79-10/03/79	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/03/79-10/03/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/79-10/03/79	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/79-10/03/79	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	10/03/79-10/03/79	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/03/79-10/03/79	1	24.4	24.4	24.4	24.4	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/03/79-10/03/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	10/03/79-10/03/79	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	10/03/79-10/03/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/03/79-10/03/79	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/79-10/03/79	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	10/03/79-10/03/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/03/79-10/03/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/03/79-10/03/79	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/03/79-10/03/79	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/03/79-10/03/79	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/03/79-10/03/79	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	10/03/79-10/03/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	10/03/79-10/03/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	10/03/79-10/03/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	10/03/79-10/03/79	1 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/03/79-10/03/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/03/79-10/03/79	1	16000.	16000.	16000.	16000.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	10/03/79-10/03/79	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: CODA0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01154	TUNGSTEN, TOTAL (UG/L AS W)	10/03/79-10/03/79	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/79-10/03/79	1	133.	133.	133.	133.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/03/79-10/03/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/03/79-10/03/79	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71910	GOLD, TOTAL (UG/L AS AU)	10/03/79-10/03/79	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

EPA Water Quality Criteria Analysis for Station: CODA0098

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a 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									
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									
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									
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	1	1.00	1	1	1.00									
		Drinking Water	5.	1	1	1.00	1	1	1.00									
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.	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									
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									
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: CODA0099

NPS Station ID: CODA0099
LAT/LON: 48.071115/-118.665282
Agency: 112WRD
Date Created: / /
Location: COPPER CREEK NR. KELLER
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12434700
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020004004
RF1 Mile Point: 0.500
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/14/72-02/13/73	13	5.	6.554	13.4	0.	23.668	4.865	0.4	2.	11.65	13.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/14/72-02/13/73	15	0.8	0.898	2.	0.07	0.391	0.625	0.268	0.4	1.	2.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/14/72-02/13/73	11	5.	9.636	30.	1.	94.855	9.739	1.4	3.	14.	29.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	13	240.	235.692	260.	171.	502.897	22.425	190.6	229.	250.	256.4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	4	126.	122.5	130.	108.	97.667	9.883	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/12/72	4	154.	149.5	158.	132.	140.333	11.846	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/12/72	4	0.185	0.165	0.25	0.04	0.008	0.09	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/12/72	4	0.055	0.058	0.07	0.05	0.	0.01	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/12/72	4	0.005	0.005	0.01	0.	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/12/72	4	0.17	0.165	0.19	0.13	0.001	0.025	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/12/72	4	0.235	0.223	0.31	0.11	0.007	0.084	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/18/72-12/12/72	3	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/12/72	4	0.14	0.14	0.15	0.13	0.	0.008	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/18/72-12/12/72	3	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/12/72	4	110.	110.	120.	100.	66.667	8.165	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/12/72	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/12/72	4	29.5	29.	31.	26.	4.667	2.16	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/12/72	4	9.4	9.35	10.	8.6	0.337	0.58	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/12/72	4	8.95	9.	9.7	8.4	0.327	0.572	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/24/72-12/12/72	4	0.4	0.375	0.4	0.3	0.003	0.05	**	**	**	**
00932	SODIUM, PERCENT	03/24/72-12/12/72	4	15.	15.	16.	14.	0.667	0.816	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/12/72	4	1.15	1.175	1.6	0.8	0.109	0.33	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/12/72	4	0.85	1.375	3.	0.8	1.176	1.084	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/12/72	4	10.	10.	11.	9.	1.333	1.155	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/18/72-09/12/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/18/72-09/12/72	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/18/72-09/12/72	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/18/72-09/12/72	2	3.5	3.5	7.	0.	24.5	4.95	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/12/72-04/12/72	1	34.	34.	34.	34.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/12/72-04/12/72	1	1.531	1.531	1.531	1.531	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			34.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/72-12/12/72	3	150.	149.333	220.	78.	5041.333	71.002	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/18/72-12/12/72	3	2.176	2.137	2.342	1.892	0.052	0.228	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			137.047								
71900	MERCURY, TOTAL (UG/L AS HG)	06/18/72-09/12/72	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/14/72-02/13/73	12	17.	23.417	74.	4.	457.538	21.39	5.2	8.5	26.25	69.2
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/14/72-02/13/73	12	0.02	0.055	0.27	0.	0.006	0.078	0.003	0.01	0.06	0.231

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

EPA Water Quality Criteria Analysis for Station: CODA0099

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	3	1	0.33	2	0	0.00				1	1	1.00			
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: CODA0100

NPS Station ID: CODA0100
LAT/LON: 48.073059/-118.325282
Agency: 10EPACOP
Date Created: 02/13/82
Location: WILMONT CREEK AT ROAD
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 208COL-044 /SITE #44
RMI-Indexes: 1310001 006670
Within Park Boundary: No
RMI-Miles: 0653.50 0003.00
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001127
RF1 Mile Point: 2.900
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/80-10/10/80	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/10/80-10/10/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/10/80-10/10/80	1	172.	172.	172.	172.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/10/80-10/10/80	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/10/80-10/10/80	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/80-10/10/80	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/80-10/10/80	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/10/80-10/10/80	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/10/80-10/10/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/10/80-10/10/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/10/80-10/10/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/10/80-10/10/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/10/80-10/10/80	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/10/80-10/10/80	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	10/10/80-10/10/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/10/80-10/10/80	1	21.6	21.6	21.6	21.6	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/10/80-10/10/80	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/10/80-10/10/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/10/80-10/10/80	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/10/80-10/10/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/10/80-10/10/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/10/80-10/10/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	10/10/80-10/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/10/80-10/10/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/10/80-10/10/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/10/80-10/10/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/10/80-10/10/80	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/10/80-10/10/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/10/80-10/10/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/10/80-10/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/10/80-10/10/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/10/80-10/10/80	1	120.	120.	120.	120.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/10/80-10/10/80	1	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0100

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	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									
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									
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									
01092	ZINC, TOTAL	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: CODA0101

NPS Station ID: CODA0101
LAT/LON: 48.076115/-118.324726
Agency: 112WRD
Date Created: / /
Location: WILMONT CREEK NEAR HUNTERS, WASH.
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12410770
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020001127
RF1 Mile Point: 3.140
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-02/12/73	13	6.6	7.154	16.1	0.	35.214	5.934	0.	1.05	13.4	15.46
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/13/72-02/12/73	15	8.	23.607	82.	0.5	858.178	29.295	0.56	2.	51.	79.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/72-02/12/73	11	2.	3.909	18.	1.	23.291	4.826	1.	2.	4.	15.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/72-02/12/73	13	142.	142.	217.	88.	1385.667	37.225	88.	114.	171.5	201.4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/72-12/12/72	4	73.5	72.25	103.	39.	844.917	29.067	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/23/72-12/12/72	4	90.	88.25	125.	48.	1232.917	35.113	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/23/72-12/12/72	4	0.165	0.16	0.27	0.04	0.009	0.095	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/23/72-12/12/72	4	0.065	0.068	0.09	0.05	0.	0.017	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/12/72	4	0.01	0.008	0.01	0.	0.	0.005	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/12/72	4	0.055	0.06	0.08	0.05	0.	0.014	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/72-12/12/72	4	0.24	0.228	0.34	0.09	0.011	0.103	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/72-12/12/72	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/23/72-12/12/72	3	0.06	0.05	0.06	0.029	0.	0.018	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/12/72	2	0.035	0.035	0.05	0.019	0.	0.022	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/72-12/12/72	4	66.	65.25	96.	33.	758.25	27.536	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/23/72-12/12/72	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/72-12/12/72	4	20.5	20.	29.	10.	68.667	8.287	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/72-12/12/72	4	3.65	3.75	5.8	1.9	2.923	1.71	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/72-12/12/72	4	5.85	6.15	8.6	4.3	3.937	1.984	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/23/72-12/12/72	4	0.3	0.325	0.4	0.3	0.003	0.05	**	**	**	**
00932	SODIUM, PERCENT	03/23/72-12/12/72	4	16.	17.25	21.	16.	6.25	2.5	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/72-12/12/72	4	1.65	1.575	2.	1.	0.216	0.465	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/72-12/12/72	4	0.65	0.9	2.	0.3	0.607	0.779	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/72-12/12/72	4	7.	8.	12.	6.	7.333	2.708	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/11/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/11/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/11/72	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/11/72	2	3.5	3.5	7.	0.	24.5	4.95	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/72-04/11/72	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/72-04/11/72	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	3	57.	51.667	90.	8.	1702.333	41.259	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	3	1.756	1.538	1.954	0.903	0.312	0.558	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			34.493								
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/12/72-12/12/72	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/12/72-12/12/72	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/11/72	2	0.45	0.45	0.9	0.	0.405	0.636	**	**	**	**

** - Less than 9 observations ## - 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: CODA0101

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)	03/13/72-02/12/73	12	4.	12.333	87.	1.	577.515	24.032	1.3	2.5	7.5	66.9
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/72-02/12/73	12	0.045	1.948	19.	0.	29.702	5.45	0.003	0.01	0.423	14.29

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

EPA Water Quality Criteria Analysis for Station: CODA0101

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	3	0	0.00	2	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	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: CODA0102

NPS Station ID: CODA0102
LAT/LON: 48.081392/-118.681393
Agency: 10EPACOP
Date Created: 02/13/82
Location: JACK CREEK - LOWER
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 208COL-011 /SITE #11
RMI-Indexes: 1310001 006230 00150
Within Park Boundary: No
RMI-Miles: 0616.00 0011.70 000.20
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020004074
RF1 Mile Point: 0.190
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/80-08/11/81	3	8.	10.	15.	7.	19.	4.359	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/18/81-08/11/81	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00065	STAGE, STREAM (FEET)	10/01/80-10/01/80	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/01/80-08/11/81	3	0.8	1.133	1.9	0.7	0.443	0.666	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/80-08/11/81	3	185.	174.	188.	149.	471.	21.703	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/80-08/11/81	3	9.7	9.367	10.3	8.1	1.293	1.137	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/01/80-08/11/81	3	7.8	7.733	8.1	7.3	0.163	0.404	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/01/80-08/11/81	3	7.8	7.608	8.1	7.3	0.187	0.432	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/80-08/11/81	3	0.016	0.025	0.05	0.008	0.001	0.022	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/01/80-08/11/81	3	102.	97.	107.	82.	175.	13.229	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/01/80-08/11/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/01/80-08/11/81	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/01/80-08/11/81	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/80-08/11/81	3	0.02	0.027	0.04	0.02	0.	0.012	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/01/80-08/11/81	3	0.08	0.087	0.1	0.08	0.	0.012	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/01/80-08/11/81	3	0.04	0.05	0.083	0.028	0.001	0.029	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	10/01/80-08/11/81	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/01/80-08/11/81	3	22.5	20.267	22.8	15.5	17.063	4.131	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/01/80-08/11/81	3	6.1	5.733	6.4	4.7	0.823	0.907	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/01/80-08/11/81	3	6.5	10.6	18.8	6.5	50.43	7.101	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/01/80-08/11/81	3	1.5	1.117	1.6	0.25	0.566	0.752	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/80-08/11/81	3	1.	1.6	3.	0.8	1.48	1.217	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/80-08/11/81	3	10.	9.667	12.	7.	6.333	2.517	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/01/80-04/18/81	2 ##	2.	2.	2.5	1.5	0.5	0.707	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	10/01/80-04/18/81	2 ##	100.5	100.5	151.	50.	5100.5	71.418	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/01/80-08/11/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/01/80-04/18/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/01/80-04/18/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/01/80-04/18/81	2	317.5	317.5	370.	265.	5512.5	74.246	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/01/80-04/18/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/80-08/11/81	3	6.5	10.433	20.	4.8	69.363	8.328	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/01/80-04/18/81	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/11/81-08/11/81	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/01/80-08/11/81	3 ##	5.	21.833	58.	2.5	982.583	31.346	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/80-08/11/81	3	107.	111.667	122.	106.	80.333	8.963	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/01/80-08/11/81	3	0.038	0.036	0.047	0.023	0.	0.012	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0102

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00				2	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	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			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (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	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00				2	0	0.00			
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			
01092	ZINC, TOTAL	Fresh Acute	120.	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: CODA0103

NPS Station ID: CODA0103
LAT/LON: 48.081670/-118.688337
Agency: 112WRD
Date Created: / /
Location: JACK CREEK AT KELLER, WASH.
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12434600
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020004074
RF1 Mile Point: 0.190
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/15/72-02/13/73	13	5.1	6.477	13.	0.3	25.984	5.097	0.58	1.7	12.25	12.96
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/15/72-02/13/73	15	1.	2.693	9.	0.5	8.152	2.855	0.5	0.6	6.	7.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/15/72-02/13/73	12	3.	4.667	21.	0.	35.333	5.944	0.3	2.	3.75	18.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	13	170.	159.308	180.	112.	495.231	22.254	114.4	149.5	175.	179.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/20/72	4	76.	70.75	79.	52.	160.917	12.685	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/20/72	4	92.5	86.25	96.	64.	226.917	15.064	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/72-12/20/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/20/72	4	0.095	0.235	0.74	0.01	0.117	0.342	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/20/72	4	0.05	0.065	0.16	0.	0.005	0.068	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/20/72	4	0.003	0.004	0.01	0.	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/20/72	4	0.11	0.11	0.15	0.07	0.001	0.034	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/20/72	4	0.145	0.3	0.9	0.01	0.167	0.408	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/16/72-12/20/72	3	0.09	0.11	0.15	0.09	0.001	0.035	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/20/72	4	0.064	0.062	0.08	0.04	0.	0.017	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/16/72-12/20/72	3	0.03	0.037	0.05	0.03	0.	0.012	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/20/72	4	71.5	66.5	78.	45.	223.	14.933	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/20/72	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/20/72	4	20.	18.5	22.	12.	20.333	4.509	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/20/72	4	5.25	4.9	5.5	3.6	0.807	0.898	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/20/72	4	5.95	5.9	6.5	5.2	0.3	0.548	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/24/72-12/20/72	4	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/24/72-12/20/72	4	15.5	16.25	20.	14.	6.917	2.63	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/20/72	4	1.5	1.475	1.6	1.3	0.016	0.126	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/20/72	4	1.	1.1	2.	0.4	0.44	0.663	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/20/72	4	10.	10.	13.	7.	6.667	2.582	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/16/72-09/13/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/16/72-09/13/72	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/16/72-09/13/72	2	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/16/72-09/13/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/12/72-04/12/72	1	24.	24.	24.	24.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/12/72-04/12/72	1	1.38	1.38	1.38	1.38	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			24.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/72-12/20/72	3	48.	42.	62.	16.	556.	23.58	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/72-12/20/72	3	1.681	1.559	1.792	1.204	0.098	0.313	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			36.245								
71900	MERCURY, TOTAL (UG/L AS HG)	06/16/72-09/13/72	2	0.35	0.35	0.6	0.1	0.125	0.354	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/15/72-02/13/73	12	10.5	46.417	209.	3.	5959.902	77.2	3.3	4.25	45.5	209.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/15/72-02/13/73	12	0.05	0.762	5.1	0.	2.913	1.707	0.003	0.01	0.125	4.65

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

EPA Water Quality Criteria Analysis for Station: CODA0103

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	3	0	0.00	2	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: CODA0104

NPS Station ID: CODA0104
LAT/LON: 48.083338/-118.666671
Agency: NITROGEN
Date Created: / /
Location: SANPOIL RIVER 4 MI UPSTREAM
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SMGC05
RMI-Indexes: 1310001 006230
Within Park Boundary: No
RMI-Miles: 0616.00 0004.00
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020004
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/05/72-05/26/72	3	6.8	8.133	12.8	4.8	17.333	4.163	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/05/72-05/26/72	3	12.1	11.567	12.5	10.1	1.653	1.286	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/05/72-05/26/72	3	102.7	102.167	103.2	100.6	1.903	1.38	**	**	**	**
00400	PH (STANDARD UNITS)	04/18/72-05/26/72	2	6.275	6.275	6.4	6.15	0.031	0.177	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/18/72-05/26/72	2	6.257	6.257	6.4	6.15	0.032	0.179	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/72-05/26/72	2	0.553	0.553	0.708	0.398	0.048	0.219	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/72-05/26/72	2	59.	59.	67.	51.	128.	11.314	**	**	**	**
73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/05/72-05/26/72	3	14.8	15.	15.9	14.3	0.67	0.819	**	**	**	**
73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/05/72-05/26/72	3	1.	1.	1.1	0.9	0.01	0.1	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0104

				Total	Exceed	Prop.	8/15-1/31			2/01-4/15			4/16-8/14			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00				1	0	0.00	2	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	2	1.00							2	2	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: CODA0105

NPS Station ID: CODA0105
LAT/LON: 48.084448/-118.690281
Agency: 21540000
Date Created: / /
Location: SANPOIL RIVER AT KELLER
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 52A070 /1952A070 /12434590 /541024
RMI-Indexes: 1310001 006230
Within Park Boundary: No
RMI-Miles: 0616.00 0011.70
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLUMBIA (SANPOIL-52)
ECO Region:
RF1 Index: 17020004006
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
LOCATED 11.7 MILES FROM THE MOUTH OF THE SANPOIL RIVER, .4 MILES ABOVE JACK CREEK AND .4 MILES NORTHWEST OF KELLER AT THE BRIDGE ON THE SILVER CREEK ROAD NORTH EASTERN REGION
15 QUAD- KELLER

Parameter Inventory for Station: CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	215	8.2	8.83	26.6	-0.1	42.984	6.556	0.46	3.6	14.2	18.14
00060	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	169	135.	292.722	1700.	11.	121113.904	348.014	35.	69.	382.5	740.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/77-09/14/78	6	128.	220.	680.	29.	58670.8	242.221	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	139	3.	7.24	190.	0.	356.838	18.89	0.5	1.	7.	13.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	153	17.	23.444	110.	0.	437.456	20.915	5.	8.	31.5	54.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	217	195.	182.401	270.	84.	1163.047	34.103	130.8	153.5	210.	215.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	215	11.3	11.406	16.5	5.2	3.423	1.85	9.2	9.9	12.7	13.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	148	102.05	101.334	123.	78.4	45.312	6.731	92.56	98.9	105.025	108.93
00310	BOD, 5 DAY, 20 DEG C MG/L	04/25/72-07/11/72	2 ##	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	216	7.9	7.965	9.1	7.2	0.13	0.361	7.5	7.7	8.2	8.5
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	216	7.9	7.832	9.1	7.2	0.148	0.385	7.5	7.7	8.2	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	216	0.013	0.015	0.063	0.001	0.	0.012	0.003	0.006	0.02	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/71-09/26/72	19	85.	75.368	97.	48.	303.579	17.424	48.	55.	90.	91.
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/26/72	41	104.	96.585	126.	58.	326.599	18.072	63.2	86.5	109.	111.8
00445	CARBONATE ION (MG/L AS CO3)	07/27/60-03/22/66	22	0.	0.273	6.	0.	1.636	1.279	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/80-09/11/91	128	4.	14.719	330.	0.5	1415.924	37.629	1.	2.	12.	30.1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/21/78-09/26/79	6	0.85	2.983	10.	0.4	15.514	3.939	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	189	0.02	0.028	0.27	0.	0.001	0.033	0.005	0.01	0.04	0.06
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/15/88-09/11/91	39 ##	0.005	0.005	0.01	0.001	0.	0.001	0.005	0.005	0.005	0.005
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	102 ##	0.005	0.005	0.02	0.	0.	0.003	0.	0.005	0.005	0.009
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	122	0.03	0.049	0.28	0.	0.003	0.053	0.005	0.005	0.073	0.11
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/71-09/26/72	19	0.28	0.384	0.91	0.09	0.065	0.256	0.09	0.16	0.61	0.77
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-09/11/91	92	0.015	0.055	1.77	0.	0.036	0.189	0.005	0.005	0.05	0.09
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/27/60-09/14/78	26	0.09	0.124	0.95	0.03	0.03	0.173	0.03	0.068	0.113	0.17
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	184	0.04	0.046	0.19	0.	0.001	0.026	0.02	0.03	0.058	0.08
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	186	0.02	0.022	0.1	0.002	0.	0.012	0.01	0.02	0.03	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/26/72	42	87.	80.214	106.	46.	249.246	15.788	50.3	72.25	90.25	94.7
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/12/72	40	1.	1.875	6.	0.	4.215	2.053	0.	0.	4.	5.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/26/72	41	25.	28.976	260.	13.	1389.224	37.272	14.2	21.	26.	28.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/26/72	41	5.8	5.437	7.5	3.1	1.244	1.116	3.44	4.75	6.2	6.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/26/72	41	6.3	6.127	8.	4.3	0.55	0.742	4.92	5.95	6.6	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: CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00931	SODIUM ADSORPTION RATIO	10/12/71-09/12/72	18	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00932	SODIUM, PERCENT	10/12/71-09/12/72	18	14.	14.722	19.	13.	3.036	1.742	13.	13.	16.	18.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/26/72	41	1.3	1.327	2.	0.9	0.056	0.237	1.	1.2	1.45	1.6
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/26/72	41	0.8	0.82	2.	0.	0.2	0.447	0.1	0.5	1.	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/26/72	40	15.	14.15	22.	7.	10.438	3.231	8.1	13.	16.	17.9
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-03/22/66	22	0.3	0.309	0.4	0.2	0.005	0.068	0.2	0.3	0.4	0.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-02/22/72	27	21.	27.593	205.	16.	1260.174	35.499	18.	20.	22.	23.2
01020	BORON, DISSOLVED (UG/L AS B)	01/26/61-03/22/66	9	0.	0.014	0.09	0.	0.001	0.03	0.	0.	0.02	0.09
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/22/72-09/23/76	42	0.	1.429	50.	0.	61.324	7.831	0.	0.	0.	0.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/71-11/09/71	3	3.	2.	3.	0.	3.	1.732	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/12/71-09/23/76	44	1.	2.023	20.	0.	9.837	3.136	0.	1.	2.	4.
01045	IRON, TOTAL (UG/L AS FE)	07/27/60-09/21/65	20	75.	78.5	260.	0.	3655.526	60.461	20.	40.	97.5	183.
01049	LEAD, DISSOLVED (UG/L AS PB)	10/12/71-09/23/76	44	2.	4.705	100.	0.	220.678	14.855	0.	1.	4.	5.5
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/12/71-09/23/76	44	0.	8.182	130.	0.	433.827	20.829	0.	0.	10.	20.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/15/76-06/10/76	4	375.	512.5	1200.	100.	260625.	510.514	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/15/76-06/10/76	4	2.477	2.508	3.079	2.	0.256	0.506	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			322.371								
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	10/12/71-09/23/76	45	180.	305.067	1300.	10.	117452.473	342.713	26.	100.	425.	936.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	10/12/71-09/23/76	45	2.255	2.221	3.114	1.	0.28	0.529	1.407	2.	2.622	2.96
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			166.333								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/27/60-03/22/66	21	36.	900.81	11000.	0.	6359708.462	2521.846	0.	36.	350.	3866.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/27/60-03/22/66	21	1.556	1.802	4.041	0.	1.304	1.142	0.	1.556	2.532	3.524
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			63.431								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	130	10.	13.938	80.	0.5	213.353	14.607	0.5	3.	22.	30.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	130	1.	0.838	1.903	-0.301	0.382	0.618	-0.301	0.477	1.342	1.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.879								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/21/77-06/02/80	17	4.	28.059	235.	0.5	3663.34	60.526	0.9	1.5	19.	143.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/21/77-06/02/80	17	0.602	0.805	2.371	-0.301	0.552	0.743	-0.06	0.151	1.273	2.138
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			6.38								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-03/22/66	22	129.5	128.455	156.	98.	147.593	12.149	110.2	122.75	136.25	140.7
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/71-09/23/76	45	0.	0.362	4.	0.	0.663	0.814	0.	0.	0.3	1.18
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/86-09/11/91	60	1.	1.81	11.	0.5	3.868	1.967	0.5	0.5	2.3	3.85

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

EPA Water Quality Criteria Analysis for Station: CODA0105

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	139	4	0.03	60	0	0.00	36	3	0.08	43	1	0.02			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	215	0	0.00	94	0	0.00	51	0	0.00	70	0	0.00			
00400	PH	Other-Hi Lim.	9.	216	1	0.00	94	1	0.01	53	0	0.00	69	0	0.00			
		Other-Lo Lim.	6.5	216	0	0.00	94	0	0.00	53	0	0.00	69	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	39	0	0.00	17	0	0.00	9	0	0.00	13	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	102	0	0.00	44	0	0.00	25	0	0.00	33	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	122	0	0.00	51	0	0.00	32	0	0.00	39	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	92	0	0.00	44	0	0.00	21	0	0.00	27	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	41	0	0.00	16	0	0.00	11	0	0.00	14	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	40	0	0.00	16	0	0.00	10	0	0.00	14	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	42	0	0.00	16	0	0.00	9	0	0.00	17	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	3	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	44	1	0.02	18	0	0.00	9	0	0.00	17	1	0.06			
		Drinking Water	1300.	44	0	0.00	18	0	0.00	9	0	0.00	17	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	44	1	0.02	18	0	0.00	9	0	0.00	17	1	0.06			
		Drinking Water	5.	44	5	0.11	18	0	0.00	9	1	0.11	17	4	0.24			
01090	ZINC, DISSOLVED	Fresh Acute	120.	44	1	0.02	18	0	0.00	9	1	0.11	17	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	1	0.25				1	0	0.00	3	1	0.33			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	21	2	0.10	8	0	0.00	6	0	0.00	7	2	0.29			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	130	0	0.00	53	0	0.00	33	0	0.00	44	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	17	1	0.06	8	0	0.00	4	0	0.00	5	1	0.20			

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

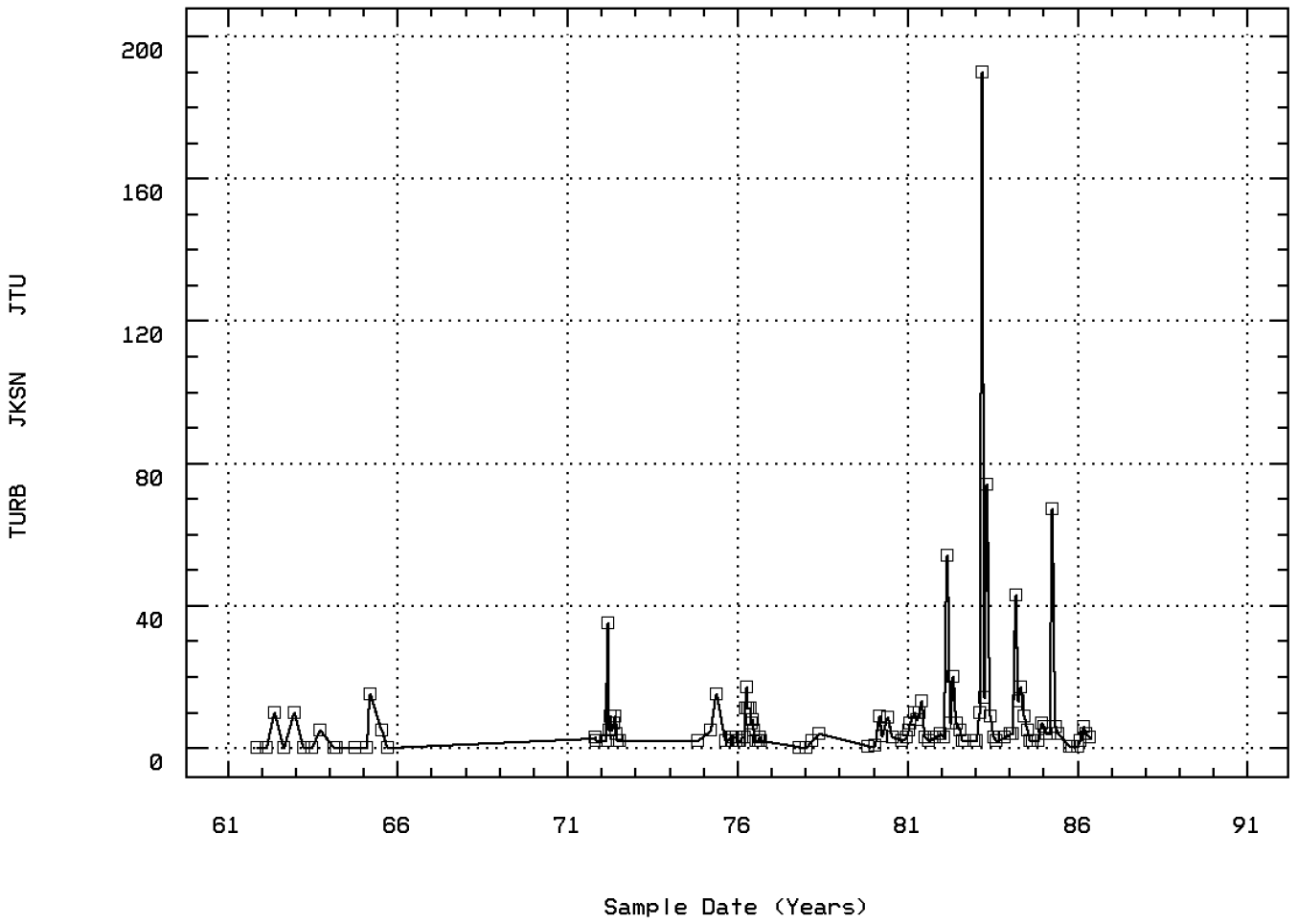
EPA Water Quality Criteria Analysis for Station: CODA0105

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
71900	MERCURY, TOTAL	Fresh Acute	2.4	45	3	0.07	19	1	0.05	9	0	0.00	17	2	0.12			
		Drinking Water	2.	45	3	0.07	19	1	0.05	9	0	0.00	17	2	0.12			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	60	0	0.00	27	0	0.00	14	0	0.00	19	0	0.00			

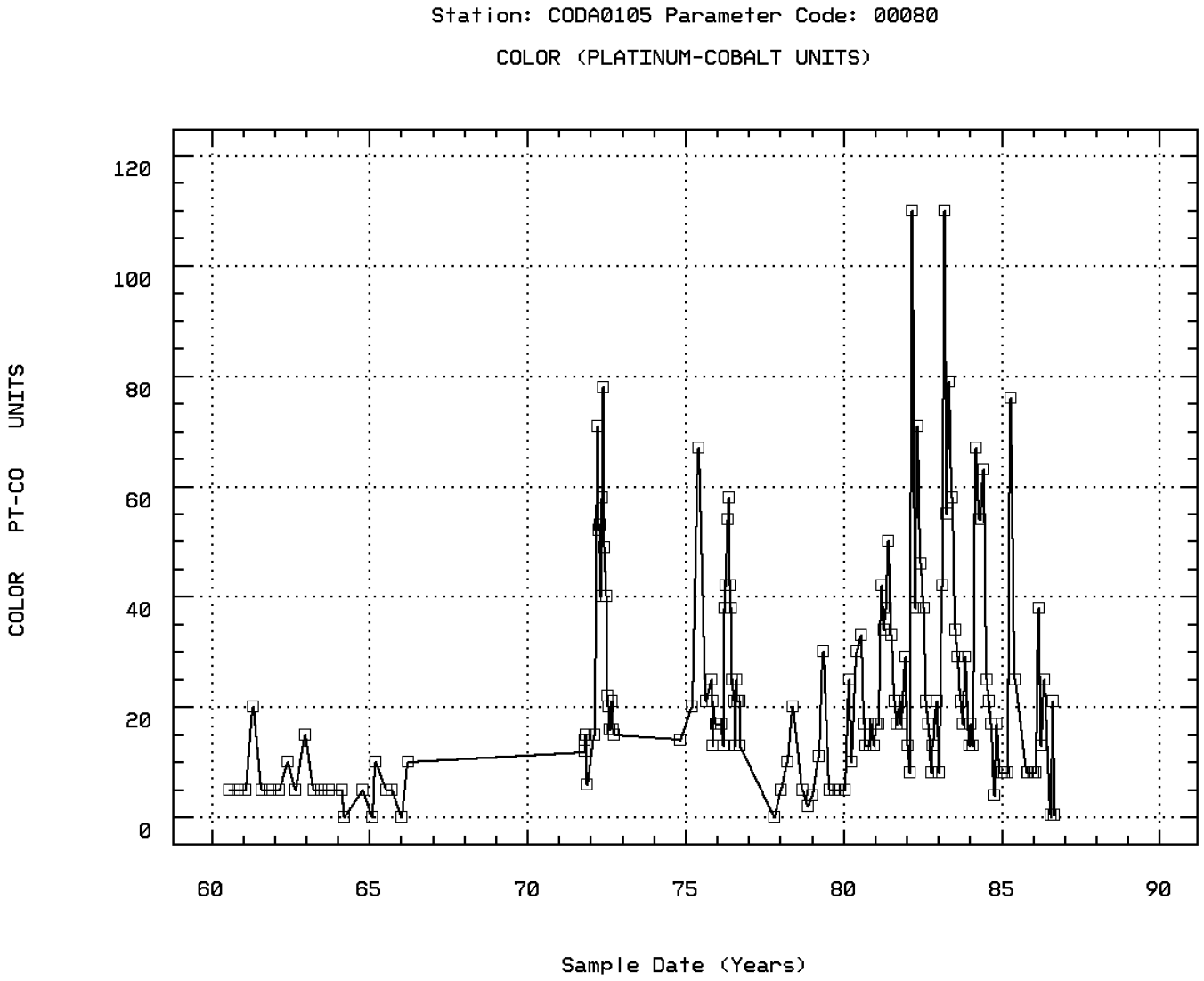
& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station: CODA0105 Parameter Code: 00070

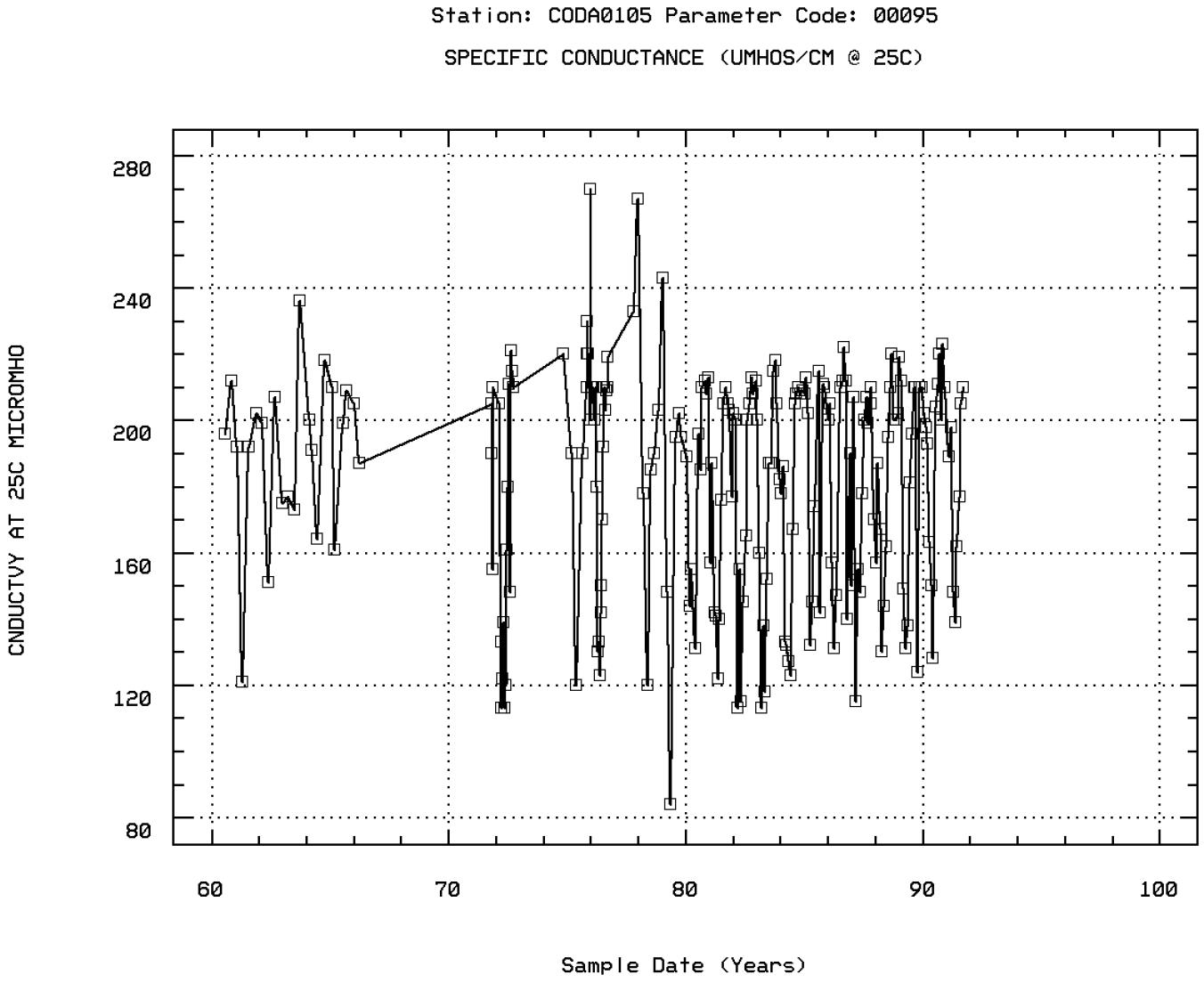
TURBIDITY, (JACKSON CANDLE UNITS)



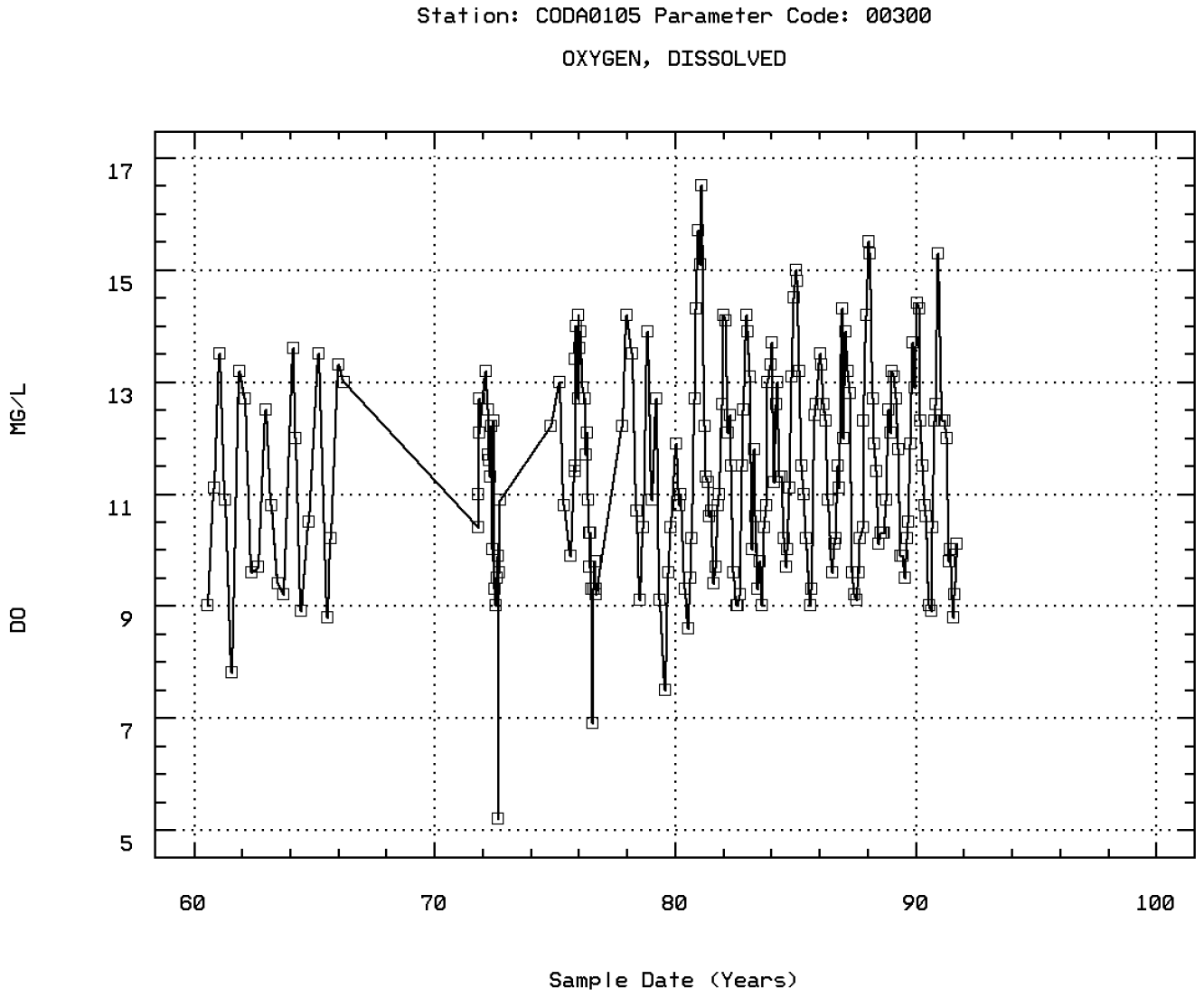
SANPOIL RIVER AT KELLER



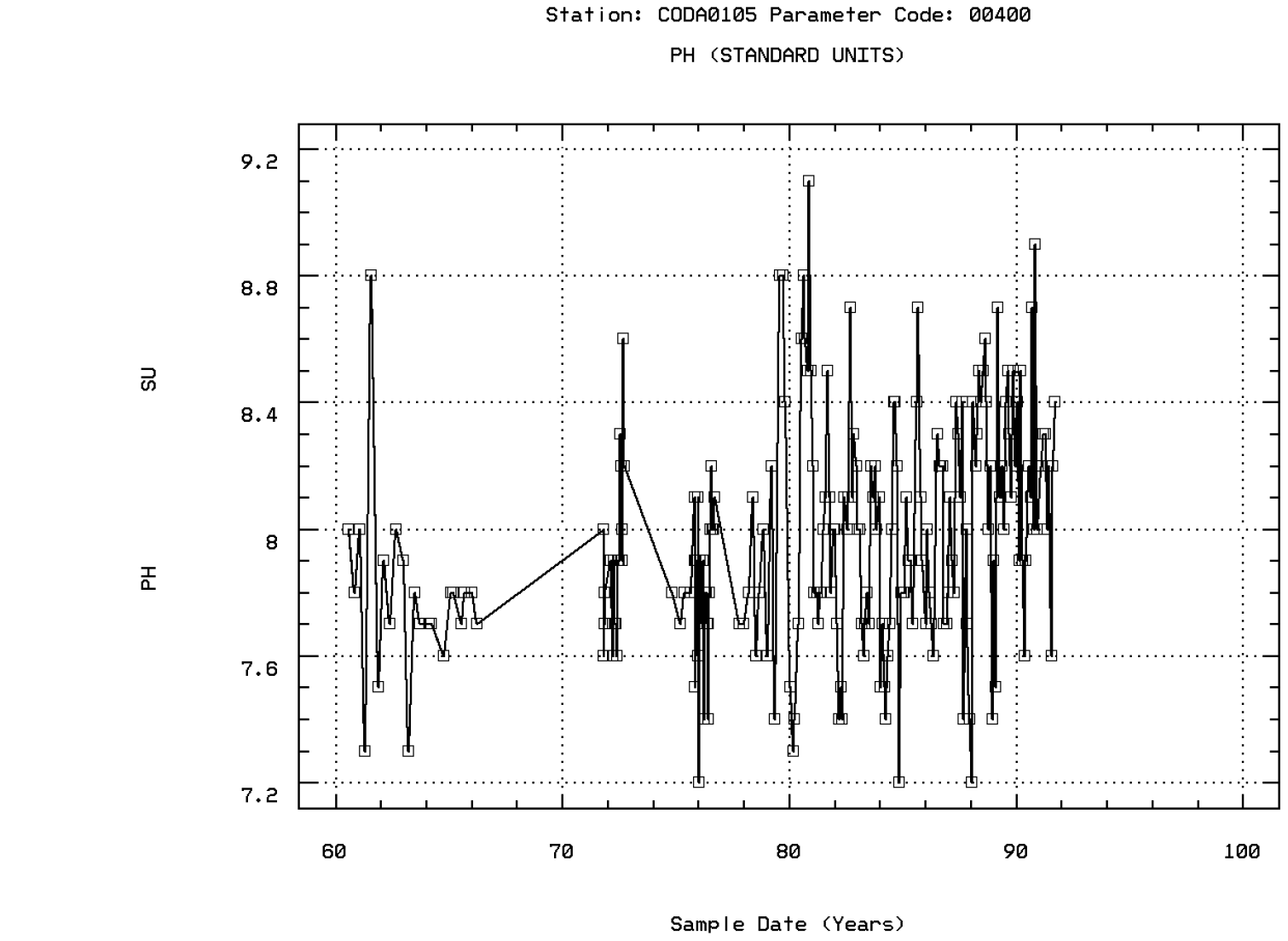
SANPOIL RIVER AT KELLER



SANPOIL RIVER AT KELLER



SANPOIL RIVER AT KELLER



SANPOIL RIVER AT KELLER

Annual Analysis for 1960 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	2	12.25	12.25	19.5	5.	105.125	10.253	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	2	204.	204.	212.	196.	128.	11.314	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	2	10.05	10.05	11.1	9.	2.205	1.485	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	2	7.9	7.9	8.	7.8	0.02	0.141	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	2	7.889	7.889	8.	7.8	0.02	0.142	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	2	0.013	0.013	0.016	0.01	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	2	0.09	0.09	0.16	0.02	0.01	0.099	**	**	**	**

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

Annual Analysis for 1961 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	4	5.8	9.225	25.	0.3	132.683	11.519	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	4	5.	8.75	20.	5.	56.25	7.5	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	4	192.	176.75	202.	121.	1403.583	37.464	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	4	12.05	11.35	13.5	7.8	6.95	2.636	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	4	7.75	7.9	8.8	7.3	0.447	0.668	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	4	7.682	7.632	8.8	7.3	0.542	0.736	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	4	0.021	0.023	0.05	0.002	0.	0.022	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	4	0.02	0.028	0.05	0.02	0.	0.015	**	**	**	**

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

Annual Analysis for 1962 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	4	7.	7.8	15.	2.2	28.827	5.369	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	4	5.	5.	10.	0.	33.333	5.774	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	4	7.5	8.75	15.	5.	22.917	4.787	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	4	187.	183.	207.	151.	640.	25.298	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	4	11.1	11.125	12.7	9.6	2.909	1.706	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	4	7.9	7.875	8.	7.7	0.016	0.126	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	4	7.9	7.861	8.	7.7	0.016	0.127	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	4	0.013	0.014	0.02	0.01	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	4	0.05	0.048	0.09	0.	0.001	0.037	**	**	**	**

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

Annual Analysis for 1963 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	3	10.	11.5	15.	9.5	9.25	3.041	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	3	0.	1.667	5.	0.	8.333	2.887	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	3	5.	5.	5.	5.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	3	177.	195.333	236.	173.	1244.333	35.275	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	3	9.4	9.8	10.8	9.2	0.76	0.872	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	3	7.7	7.6	7.8	7.3	0.07	0.265	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	3	7.7	7.543	7.8	7.3	0.075	0.274	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	3	0.02	0.029	0.05	0.016	0.	0.019	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	3	0.05	0.047	0.07	0.02	0.001	0.025	**	**	**	**

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Annual Analysis for 1964 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	4	7.	7.375	14.	1.5	34.396	5.865	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	3	5.	3.333	5.	0.	8.333	2.887	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	4	195.5	193.25	218.	164.	506.25	22.5	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	4	11.25	11.25	13.6	8.9	4.057	2.014	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	3	7.7	7.667	7.7	7.6	0.003	0.058	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	3	7.7	7.664	7.7	7.6	0.003	0.058	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	3	0.02	0.022	0.025	0.02	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	4	0.035	0.063	0.16	0.02	0.004	0.067	**	**	**	**

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

Annual Analysis for 1965 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	3	6.	8.	17.	1.	67.	8.185	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	4	2.5	5.	15.	0.	50.	7.071	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	5	5.	4.	10.	0.	17.5	4.183	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	5	205.	196.8	210.	161.	419.2	20.474	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	4	11.75	11.45	13.5	8.8	5.403	2.325	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	5	7.8	7.78	7.8	7.7	0.002	0.045	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	5	7.8	7.778	7.8	7.7	0.002	0.045	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	5	0.016	0.017	0.02	0.016	0.	0.002	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	5	0.07	0.07	0.11	0.05	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

Annual Analysis for 1966 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	1	187.	187.	187.	187.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	4	6.85	7.275	12.2	3.2	13.823	3.718	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	4	51.5	52.	55.	50.	6.	2.449	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	4	1.5	1.75	3.	1.	0.917	0.957	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	4	13.	11.75	15.	6.	16.25	4.031	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	4	197.5	190.	210.	155.	616.667	24.833	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	4	11.55	11.55	12.7	10.4	1.083	1.041	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	4	7.75	7.775	8.	7.6	0.029	0.171	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	4	7.747	7.751	8.	7.6	0.03	0.173	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	4	0.018	0.018	0.025	0.01	0.	0.006	**	**	**	**

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Annual Analysis for 1971 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	4	0.045	0.04	0.07	0.	0.001	0.032	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	4	0.07	0.058	0.07	0.02	0.001	0.025	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	4	0.035	0.05	0.1	0.03	0.001	0.034	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	4	0.02	0.02	0.03	0.01	0.	0.008	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	2 ##	15.	15.	20.	10.	50.	7.071	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	2 ##	1.151	1.151	1.301	1.	0.045	0.213	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.142								

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Annual Analysis for 1972 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	15	12.5	12.74	25.2	3.6	45.715	6.761	3.84	6.6	18.	23.22
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	14	337.5	428.214	1100.	41.	150092.027	387.417	41.5	68.25	750.5	1060.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	15	2.	5.667	35.	1.	74.095	8.608	1.	1.	7.	19.4
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	15	40.	37.733	78.	15.	466.638	21.602	15.	16.	53.	73.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	15	161.	167.467	221.	113.	1852.41	43.04	113.	122.	211.	221.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	15	10.9	10.547	13.2	5.2	3.931	1.983	7.48	9.5	12.2	12.78
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	15	7.9	7.94	8.6	7.6	0.08	0.282	7.6	7.7	8.2	8.42
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	15	7.9	7.868	8.6	7.6	0.085	0.292	7.6	7.7	8.2	8.42
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	15	0.013	0.014	0.025	0.003	0.	0.007	0.004	0.006	0.02	0.025
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	15	0.05	0.075	0.27	0.01	0.005	0.069	0.01	0.03	0.12	0.186
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	15	0.	0.006	0.02	0.	0.	0.008	0.	0.	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	15	0.06	0.077	0.28	0.02	0.004	0.065	0.02	0.03	0.09	0.19
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	14	0.045	0.055	0.19	0.003	0.002	0.045	0.012	0.028	0.07	0.135
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	15	0.02	0.02	0.04	0.002	0.	0.01	0.007	0.01	0.03	0.034
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	14 ##	10.	14.	29.	10.	46.615	6.828	10.	10.	20.5	27.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	14 ##	1.	1.107	1.462	1.	0.032	0.179	1.	1.	1.311	1.43
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.806								

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Annual Analysis for 1974 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	1	12.2	12.2	12.2	12.2	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-09/11/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	1	6.	6.	6.	6.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	1	0.778	0.778	0.778	0.778	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.								

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Annual Analysis for 1975 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	9	4.4	5.511	17.9	0.	34.246	5.852	0.	0.15	8.85	17.9
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	6	115.5	148.5	252.	109.	3547.5	59.561	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	9	3.	4.111	15.	2.	17.611	4.197	2.	2.	4.	15.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	9	21.	24.667	67.	13.	263.5	16.233	13.	17.	23.	67.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	9	210.	205.556	270.	120.	1627.778	40.346	120.	190.	225.	270.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	9	12.7	12.322	14.2	9.9	2.227	1.492	9.9	11.1	13.7	14.2
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	9	7.8	7.822	8.1	7.5	0.042	0.205	7.5	7.65	8.	8.1
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	9	7.8	7.78	8.1	7.5	0.044	0.21	7.5	7.65	8.	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	9	0.016	0.017	0.032	0.008	0.	0.008	0.008	0.01	0.023	0.032
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	9	0.04	0.052	0.14	0.02	0.001	0.035	0.02	0.035	0.055	0.14
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-09/11/91	9	0.03	0.067	0.31	0.01	0.009	0.094	0.01	0.025	0.07	0.31
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	9	0.04	0.045	0.091	0.03	0.	0.02	0.03	0.03	0.055	0.091
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	9	0.02	0.023	0.03	0.02	0.	0.005	0.02	0.02	0.03	0.03
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	9	8.	16.833	80.	1.	617.125	24.842	1.	3.25	19.	80.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	9	0.903	0.906	1.903	0.	0.313	0.559	0.	0.5	1.247	1.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.061								

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Annual Analysis for 1976 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	17	11.7	8.994	18.2	0.2	37.763	6.145	0.28	2.05	13.65	16.84
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	15	125.	265.4	995.	52.	74702.543	273.318	55.6	99.	376.	833.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	17	3.	5.353	17.	1.	21.993	4.69	1.	2.	9.5	12.2
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	17	21.	27.941	58.	13.	210.684	14.515	13.	17.	40.	54.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	17	200.	182.412	219.	123.	1139.882	33.762	128.6	146.	210.	211.8
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	16	10.3	10.744	13.9	6.9	3.677	1.918	8.51	9.3	12.55	13.69
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	17	7.8	7.806	8.2	7.2	0.074	0.273	7.36	7.7	8.	8.12
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	17	7.8	7.715	8.2	7.2	0.083	0.288	7.36	7.7	8.	8.12
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	17	0.016	0.019	0.063	0.006	0.	0.015	0.008	0.01	0.02	0.044
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	17	0.05	0.044	0.09	0.01	0.	0.021	0.018	0.02	0.06	0.066
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-09/11/91	17	0.02	0.029	0.1	0.	0.001	0.031	0.	0.01	0.06	0.084
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	17	0.045	0.055	0.11	0.03	0.001	0.025	0.03	0.035	0.065	0.11
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	17	0.02	0.022	0.03	0.01	0.	0.006	0.01	0.02	0.03	0.03
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	17	12.	15.	42.	1.	159.875	12.644	1.8	5.5	26.	38.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	17	1.079	0.987	1.623	0.	0.22	0.469	0.241	0.739	1.415	1.588
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.705								

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Annual Analysis for 1977 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	2	3.3	3.3	6.5	0.1	20.48	4.525	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	2	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	2	250.	250.	267.	233.	578.	24.042	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	2	13.2	13.2	14.2	12.2	2.	1.414	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	2	103.45	103.45	104.4	102.5	1.805	1.344	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	2	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	2	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-09/11/91	2	0.05	0.05	0.09	0.01	0.003	0.057	**	**	**	**

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Annual Analysis for 1977 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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Annual Analysis for 1978 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	5	9.7	8.8	18.6	0.2	56.005	7.484	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	1	236.	236.	236.	236.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	3	2.	2.333	4.	1.	2.333	1.528	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	4	7.5	9.25	20.	2.	62.25	7.89	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	5	185.	175.2	203.	120.	1035.7	32.182	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	5	10.7	11.52	13.9	9.1	4.342	2.084	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	5	102.4	101.78	104.7	98.6	5.377	2.319	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	5	7.8	7.86	8.1	7.6	0.038	0.195	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	5	7.8	7.825	8.1	7.6	0.04	0.199	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	5	0.016	0.015	0.025	0.008	0.	0.007	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	4	0.02	0.023	0.03	0.02	0.	0.005	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-09/11/91	4	0.04	0.043	0.08	0.01	0.001	0.03	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	4	0.05	0.048	0.06	0.03	0.	0.015	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	4	0.025	0.023	0.03	0.01	0.	0.01	**	**	**	**

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Annual Analysis for 1979 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	6	7.85	10.717	26.6	0.	96.786	9.838	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	6	52.5	202.5	740.	25.	82181.1	286.672	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	6	5.	10.	30.	4.	102.4	10.119	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	6	195.	177.833	243.	84.	3022.967	54.982	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	6	10.	10.033	12.7	7.5	3.095	1.759	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	6	93.2	92.417	105.8	78.4	119.25	10.92	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	6	8.3	8.2	8.8	7.4	0.352	0.593	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	6	8.289	7.884	8.8	7.4	0.472	0.687	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	6	0.005	0.013	0.04	0.002	0.	0.016	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	6	0.01	0.01	0.02	0.	0.	0.009	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-09/11/91	6	0.035	0.042	0.08	0.01	0.001	0.029	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	6	0.04	0.03	0.04	0.	0.	0.017	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	5	0.03	0.042	0.1	0.01	0.001	0.036	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	10	6.8	9.24	23.2	0.2	67.289	8.203	0.26	2.825	17.425	22.93
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	10	119.	327.4	1170.	58.	137844.933	371.275	59.7	78.75	507.5	1127.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	10	2.5	3.23	9.	0.6	9.276	3.046	0.64	1.	4.575	8.94
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	10	15.	17.6	33.	5.	80.711	8.984	5.5	12.25	26.25	32.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	10	192.5	184.3	213.	131.	921.789	30.361	132.3	152.25	210.5	212.9

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Annual Analysis for 1980 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	10	10.9	11.4	15.7	8.6	5.184	2.277	8.67	9.45	13.1	15.56
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	10	106.5	100.84	112.5	85.3	132.887	11.528	85.48	87.4	111.025	112.42
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	10	8.5	8.2	9.1	7.3	0.429	0.655	7.31	7.475	8.65	9.07
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	10	8.5	7.809	9.1	7.3	0.599	0.774	7.31	7.475	8.65	9.07
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	10	0.003	0.016	0.05	0.001	0.	0.019	0.001	0.002	0.034	0.049
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/80-09/11/91	6	1.5	2.5	8.	1.	7.5	2.739	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	10	0.005	0.005	0.01	0.	0.	0.004	0.	0.	0.01	0.01
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	6 ##	0.005	0.048	0.19	0.005	0.006	0.076	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-09/11/91	7	0.07	0.099	0.31	0.005	0.013	0.112	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	10	0.045	0.055	0.11	0.03	0.001	0.03	0.03	0.03	0.083	0.108
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	8	0.01	0.013	0.04	0.005	0.	0.011	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	2 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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Annual Analysis for 1981 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	12	8.55	9.117	19.2	1.8	33.151	5.758	1.83	4.475	13.125	18.87
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	12	175.	314.833	710.	43.	79189.061	281.406	56.5	89.	667.5	710.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	12	4.5	5.583	13.	1.	15.72	3.965	1.	2.25	9.5	12.1
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	12	25.	28.	50.	17.	129.455	11.378	17.	17.	37.	47.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	12	176.5	172.083	210.	122.	950.811	30.835	127.4	141.25	204.5	208.5
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	12	11.1	11.758	16.5	9.4	4.439	2.107	9.49	10.625	12.5	16.08
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	12	103.4	104.642	123.	91.1	60.206	7.759	93.68	100.5	106.825	120.
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	12	7.9	7.967	8.5	7.7	0.053	0.231	7.73	7.8	8.1	8.41
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	12	7.889	7.919	8.5	7.7	0.056	0.236	7.73	7.8	8.1	8.41
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	12	0.013	0.012	0.02	0.003	0.	0.005	0.004	0.008	0.016	0.019
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/80-09/11/91	12	6.	9.667	34.	0.5	102.924	10.145	0.5	1.5	17.25	29.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	12	0.02	0.033	0.1	0.005	0.001	0.03	0.005	0.01	0.048	0.094
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	12	0.01	0.03	0.11	0.005	0.001	0.035	0.005	0.006	0.04	0.104
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	12	0.04	0.041	0.06	0.02	0.	0.012	0.023	0.03	0.05	0.06
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	12	0.02	0.019	0.03	0.01	0.	0.007	0.01	0.013	0.02	0.03
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	5	8.	20.	61.	0.5	671.375	25.911	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	5	0.903	0.713	1.785	-0.301	0.957	0.978	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.161								

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

Annual Analysis for 1982 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	12	6.95	9.208	20.5	0.	61.314	7.83	0.09	2.2	18.65	20.35
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	9	114.	455.111	1450.	69.	277823.861	527.09	69.	84.	885.	1450.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	12	2.5	8.75	54.	1.	231.295	15.208	1.	1.25	7.	43.8
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	12	21.	33.667	110.	8.	925.515	30.422	8.	13.	44.	98.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	12	200.	177.75	213.	113.	1412.205	37.579	113.6	147.5	207.25	212.7
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	12	11.8	11.608	14.2	9.	4.07	2.017	9.	9.3	13.7	14.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	12	103.	102.617	106.	98.8	3.582	1.892	99.34	101.4	103.7	105.58
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	12	8.05	7.958	8.7	7.4	0.154	0.392	7.4	7.55	8.175	8.58
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	12	8.047	7.804	8.7	7.4	0.179	0.424	7.4	7.55	8.175	8.58

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Annual Analysis for 1982 - Station CODA0105

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	07/27/60-09/11/91	12	0.009	0.016	0.04	0.002	0.	0.014	0.003	0.007	0.029	0.04
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/80-09/11/91	12	5.	17.958	140.	0.5	1525.566	39.058	0.65	2.	14.75	104.9
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	12	0.03	0.045	0.11	0.01	0.001	0.037	0.01	0.013	0.088	0.107
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	12 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.009
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	12	0.02	0.048	0.18	0.005	0.003	0.058	0.005	0.005	0.082	0.165
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	11	0.05	0.058	0.15	0.02	0.001	0.035	0.022	0.04	0.07	0.136
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	12	0.02	0.028	0.07	0.01	0.	0.015	0.013	0.02	0.03	0.061
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	6 ##	0.5	10.833	35.	0.5	261.167	16.161	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	6 ##	-0.301	0.298	1.544	-0.301	0.862	0.928	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.985								

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Annual Analysis for 1983 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	12	8.6	10.242	21.6	0.5	45.112	6.717	1.19	5.35	16.3	20.7
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	9	610.	837.222	1700.	140.	403294.444	635.055	140.	215.	1465.	1700.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	12	3.	25.833	190.	1.	3088.515	55.574	1.	1.25	13.	155.2
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	12	31.5	41.25	110.	8.	897.841	29.964	9.5	18.	57.25	100.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	12	184.5	172.917	218.	113.	1315.902	36.275	114.5	141.5	203.75	217.1
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	12	10.7	11.25	13.9	9.	2.899	1.703	9.09	9.85	13.075	13.72
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	12	103.35	102.325	111.6	84.6	43.862	6.623	88.89	99.85	106.45	110.34
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	12	8.	7.925	8.2	7.6	0.046	0.214	7.63	7.7	8.1	8.2
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	12	8.	7.877	8.2	7.6	0.048	0.22	7.63	7.7	8.1	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	12	0.01	0.013	0.025	0.006	0.	0.007	0.006	0.008	0.02	0.024
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/80-09/11/91	12	6.5	49.25	330.	2.	9323.114	96.556	2.	2.25	36.25	273.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	12	0.015	0.017	0.04	0.005	0.	0.011	0.005	0.01	0.02	0.037
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	12 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.009
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	12	0.02	0.044	0.11	0.005	0.002	0.044	0.005	0.005	0.095	0.107
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	12	0.04	0.039	0.06	0.03	0.	0.009	0.03	0.03	0.04	0.057
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	12	0.025	0.028	0.05	0.02	0.	0.01	0.02	0.02	0.03	0.047
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	4	28.5	28.125	55.	0.5	543.396	23.311	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	4	1.435	1.077	1.74	-0.301	0.877	0.936	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.944								

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Annual Analysis for 1984 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	12	6.35	7.95	18.2	0.2	35.715	5.976	0.62	3.025	13.55	17.54
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	12	232.5	435.667	1400.	65.	220830.424	469.926	69.5	90.	741.25	1355.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	12	4.5	9.083	43.	1.	137.902	11.743	1.3	2.	12.	35.2
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	12	19.	30.	67.	4.	515.636	22.708	5.2	14.	54.	65.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	12	182.	173.833	210.	123.	1296.152	36.002	124.2	132.25	208.	209.7
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	12	11.3	11.808	14.5	9.7	2.384	1.544	9.79	10.425	13.075	14.26
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	12	103.1	102.108	107.6	83.	42.903	6.55	87.71	101.65	106.15	107.45
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	12	7.7	7.783	8.4	7.2	0.152	0.39	7.26	7.5	8.15	8.4
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	12	7.7	7.646	8.4	7.2	0.173	0.416	7.26	7.5	8.15	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	12	0.02	0.023	0.063	0.004	0.	0.017	0.004	0.007	0.032	0.056
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/80-09/11/91	12	10.	22.583	100.	1.	884.629	29.743	1.	3.	27.	87.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	12	0.02	0.027	0.06	0.01	0.	0.018	0.01	0.01	0.038	0.06
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	12 ##	0.018	0.053	0.28	0.005	0.006	0.079	0.005	0.005	0.075	0.226

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

Annual Analysis for 1984 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	12	0.05	0.06	0.14	0.02	0.001	0.033	0.023	0.04	0.08	0.125
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	12	0.025	0.032	0.06	0.02	0.	0.015	0.02	0.02	0.04	0.06
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	5	23.	24.4	31.	20.	24.3	4.93	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	5	1.362	1.38	1.491	1.301	0.007	0.086	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			24.014								

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

Annual Analysis for 1985 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	10	6.8	8.18	18.6	0.	48.531	6.966	0.01	1.675	15.525	18.54
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	10	65.	164.6	620.	30.	40181.156	200.452	30.6	45.75	250.	601.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	8	4.	11.5	67.	0.5	507.357	22.525	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	7	8.	20.143	76.	8.	646.81	25.432	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	10	205.	185.2	215.	132.	1131.289	33.635	133.	144.25	211.5	214.8
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	10	11.95	11.9	15.	9.	4.387	2.094	9.03	9.975	13.6	14.98
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	10	101.35	102.41	106.9	99.7	5.501	2.345	99.77	100.925	104.675	106.73
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	10	7.9	8.03	8.7	7.7	0.096	0.309	7.71	7.8	8.175	8.67
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	10	7.9	7.954	8.7	7.7	0.102	0.32	7.71	7.8	8.175	8.67
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	10	0.013	0.011	0.02	0.002	0.	0.006	0.002	0.007	0.016	0.02
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/80-09/11/91	8	6.	24.75	160.	1.	3000.5	54.777	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	8	0.015	0.018	0.04	0.005	0.	0.012	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	8 ##	0.005	0.033	0.14	0.005	0.002	0.048	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	8	0.03	0.03	0.05	0.01	0.	0.013	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	8	0.02	0.021	0.03	0.005	0.	0.008	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	2 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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Annual Analysis for 1986 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	11	9.8	8.764	19.4	0.	48.509	6.965	0.06	2.2	16.	19.2
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	9	270.	259.889	560.	81.	25985.611	161.201	81.	94.	360.	560.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	6	2.5	2.75	6.	0.5	4.175	2.043	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	8	10.5	14.25	38.	0.5	169.	13.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	11	200.	184.182	222.	131.	1126.364	33.561	132.8	147.	212.	220.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	11	11.5	11.764	14.3	9.6	2.395	1.547	9.7	10.2	13.3	14.14
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	11	100.8	102.845	112.9	95.2	28.109	5.302	96.08	100.2	106.5	112.6
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	11	7.8	7.918	8.3	7.6	0.07	0.264	7.62	7.7	8.2	8.28
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	11	7.8	7.852	8.3	7.6	0.074	0.273	7.62	7.7	8.2	8.28
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	11	0.016	0.014	0.025	0.005	0.	0.007	0.005	0.006	0.02	0.024
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/80-09/11/91	10	2.	6.8	35.	0.5	114.567	10.704	0.5	0.875	9.25	32.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	11	0.03	0.029	0.06	0.005	0.	0.015	0.006	0.02	0.04	0.056
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	11	0.01	0.03	0.1	0.005	0.001	0.033	0.005	0.005	0.04	0.096
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	9	0.04	0.049	0.09	0.03	0.	0.022	0.03	0.03	0.07	0.09
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	10	0.02	0.022	0.04	0.01	0.	0.009	0.01	0.018	0.03	0.039
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	10	2.	7.8	31.	0.5	104.122	10.204	0.5	0.875	14.25	29.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	10	0.301	0.481	1.491	-0.301	0.444	0.666	-0.301	-0.075	1.149	1.468
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.03								

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Annual Analysis for 1986 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/86-09/11/91	5	1.	1.2	3.	0.5	1.075	1.037	**	**	**	**

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Annual Analysis for 1987 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	12	7.	8.6	18.5	0.4	40.	6.325	0.58	2.9	14.875	17.99
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	12	130.	198.	880.	13.	66507.636	257.891	13.	28.	220.75	772.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	12	188.5	178.667	210.	115.	963.697	31.043	124.9	151.25	206.5	209.1
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	12	11.2	11.375	14.2	9.1	3.591	1.895	9.13	9.6	13.1	14.11
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	12	101.5	99.108	108.9	84.5	47.937	6.924	86.12	95.725	103.575	108.09
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	12	7.95	7.942	8.4	7.4	0.117	0.342	7.4	7.725	8.25	8.4
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	12	7.947	7.817	8.4	7.4	0.134	0.366	7.4	7.725	8.25	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	12	0.011	0.015	0.04	0.004	0.	0.013	0.004	0.006	0.019	0.04
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/80-09/11/91	12	2.5	2.833	6.	1.	2.697	1.642	1.	1.25	4.	5.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	11	0.01	0.024	0.1	0.005	0.001	0.029	0.005	0.005	0.03	0.09
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	11 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	7	0.01	0.046	0.11	0.005	0.003	0.05	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-09/11/91	3	0.01	0.042	0.11	0.005	0.004	0.059	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	11	0.03	0.032	0.05	0.02	0.	0.009	0.02	0.03	0.04	0.048
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	11	0.01	0.015	0.03	0.01	0.	0.007	0.01	0.01	0.02	0.028
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	10	8.5	13.2	30.	0.5	149.456	12.225	0.5	1.625	26.75	29.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	10	0.91	0.791	1.477	-0.301	0.479	0.692	-0.301	0.151	1.427	1.476
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.186								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/86-09/11/91	11	1.	1.273	3.	0.5	0.918	0.958	0.5	0.5	2.	3.

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Annual Analysis for 1988 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	12	8.95	8.508	17.7	0.1	46.759	6.838	0.1	0.975	15.55	17.19
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	12	137.5	174.333	540.	11.	29269.515	171.083	11.	25.75	268.75	498.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	12	191.	181.167	220.	130.	805.424	28.38	134.2	158.25	201.5	217.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	12	11.65	11.942	15.5	10.1	3.428	1.852	10.16	10.3	12.65	15.44
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	12	107.45	105.15	114.1	85.9	57.786	7.602	89.92	100.075	110.025	113.32
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	12	8.35	8.175	8.6	7.2	0.195	0.441	7.26	8.05	8.475	8.57
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	12	8.347	7.899	8.6	7.2	0.278	0.527	7.26	8.05	8.475	8.57
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	12	0.004	0.013	0.063	0.003	0.	0.019	0.003	0.003	0.009	0.056
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/80-09/11/91	12	4.	6.125	24.	0.5	47.733	6.909	0.65	2.25	5.75	21.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	11	0.01	0.01	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.018
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-09/11/91	11	0.01	0.018	0.07	0.005	0.	0.02	0.005	0.005	0.02	0.064
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	10	0.03	0.036	0.1	0.01	0.001	0.025	0.011	0.02	0.043	0.095
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	12	0.02	0.019	0.03	0.005	0.	0.009	0.007	0.01	0.028	0.03
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	12	6.5	8.125	22.	0.5	41.188	6.418	0.95	3.	12.75	19.3
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	12	0.778	0.737	1.342	-0.301	0.216	0.464	-0.12	0.477	1.105	1.274
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.455								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/86-09/11/91	12 ##	0.75	1.417	5.	0.5	1.947	1.395	0.5	0.5	2.	4.4

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

Annual Analysis for 1989 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	12	-0.1	7.508	17.	-0.1	39.181	6.259	1.59	4.3	13.95	16.31
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	9	42.	141.667	385.	20.	20532.25	143.291	20.	30.5	280.	385.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	12	203.	182.5	219.	124.	1326.273	36.418	126.1	140.75	210.	216.9
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	12	11.85	11.608	13.7	9.5	2.328	1.526	9.62	9.975	13.05	13.55
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	12	101.	99.558	104.8	92.7	16.554	4.069	93.03	96.	102.375	104.62
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	12	8.2	8.2	8.7	7.5	0.102	0.319	7.62	8.025	8.475	8.64
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	12	8.2	8.079	8.7	7.5	0.118	0.343	7.62	8.025	8.475	8.64
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	12	0.006	0.008	0.032	0.002	0.	0.008	0.002	0.003	0.009	0.026
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/80-09/11/91	12	4.5	8.	30.	1.	85.273	9.234	1.	2.25	12.	27.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	12 ##	0.005	0.012	0.04	0.005	0.	0.011	0.005	0.005	0.02	0.034
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-09/11/91	12 ##	0.005	0.164	1.77	0.005	0.256	0.506	0.005	0.005	0.043	1.266
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	12	0.04	0.049	0.125	0.014	0.001	0.036	0.015	0.02	0.075	0.118
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	12	0.02	0.021	0.07	0.005	0.	0.017	0.005	0.01	0.028	0.058
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	12	6.5	11.958	32.	0.5	107.93	10.389	1.25	3.5	22.25	29.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	12	0.812	0.87	1.505	-0.301	0.263	0.513	-0.068	0.533	1.343	1.473
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.418								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/86-09/11/91	12	1.4	1.992	6.	0.6	2.584	1.608	0.66	0.85	2.75	5.4

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

Annual Analysis for 1990 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	12	7.95	7.333	18.	-0.1	38.841	6.232	0.53	3.95	10.625	17.61
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	12	106.	146.583	580.	29.	25053.174	158.282	30.2	34.75	195.5	490.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	12	201.	191.833	223.	128.	861.424	29.35	134.6	170.5	210.75	222.1
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	12	11.9	11.867	15.3	8.9	4.281	2.069	8.93	10.45	13.875	15.03
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	12	99.8	100.833	109.9	94.1	19.099	4.37	94.7	98.	103.625	108.82
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	12	8.05	8.175	8.9	7.6	0.144	0.379	7.69	7.9	8.475	8.84
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	12	8.047	8.048	8.9	7.6	0.162	0.402	7.69	7.9	8.475	8.84
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	12	0.009	0.009	0.025	0.001	0.	0.007	0.001	0.003	0.013	0.021
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/80-09/11/91	12	4.5	10.5	70.	1.	367.364	19.167	1.3	2.	10.5	53.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	12 ##	0.005	0.008	0.04	0.005	0.	0.01	0.005	0.005	0.005	0.031
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-09/11/91	12 ##	0.005	0.011	0.03	0.005	0.	0.01	0.005	0.005	0.018	0.03
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	12	0.03	0.037	0.08	0.02	0.	0.017	0.02	0.023	0.048	0.071
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	12	0.02	0.02	0.03	0.01	0.	0.006	0.01	0.02	0.02	0.03
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	12	11.	13.833	30.	2.	94.697	9.731	2.3	7.	21.75	30.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	12	1.041	1.018	1.477	0.301	0.138	0.371	0.354	0.845	1.337	1.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.43								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/86-09/11/91	12	0.75	1.975	11.	0.5	8.958	2.993	0.5	0.5	2.525	8.66

** - Less than 9 observations ## - Computed with 50% or 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 CODA0105

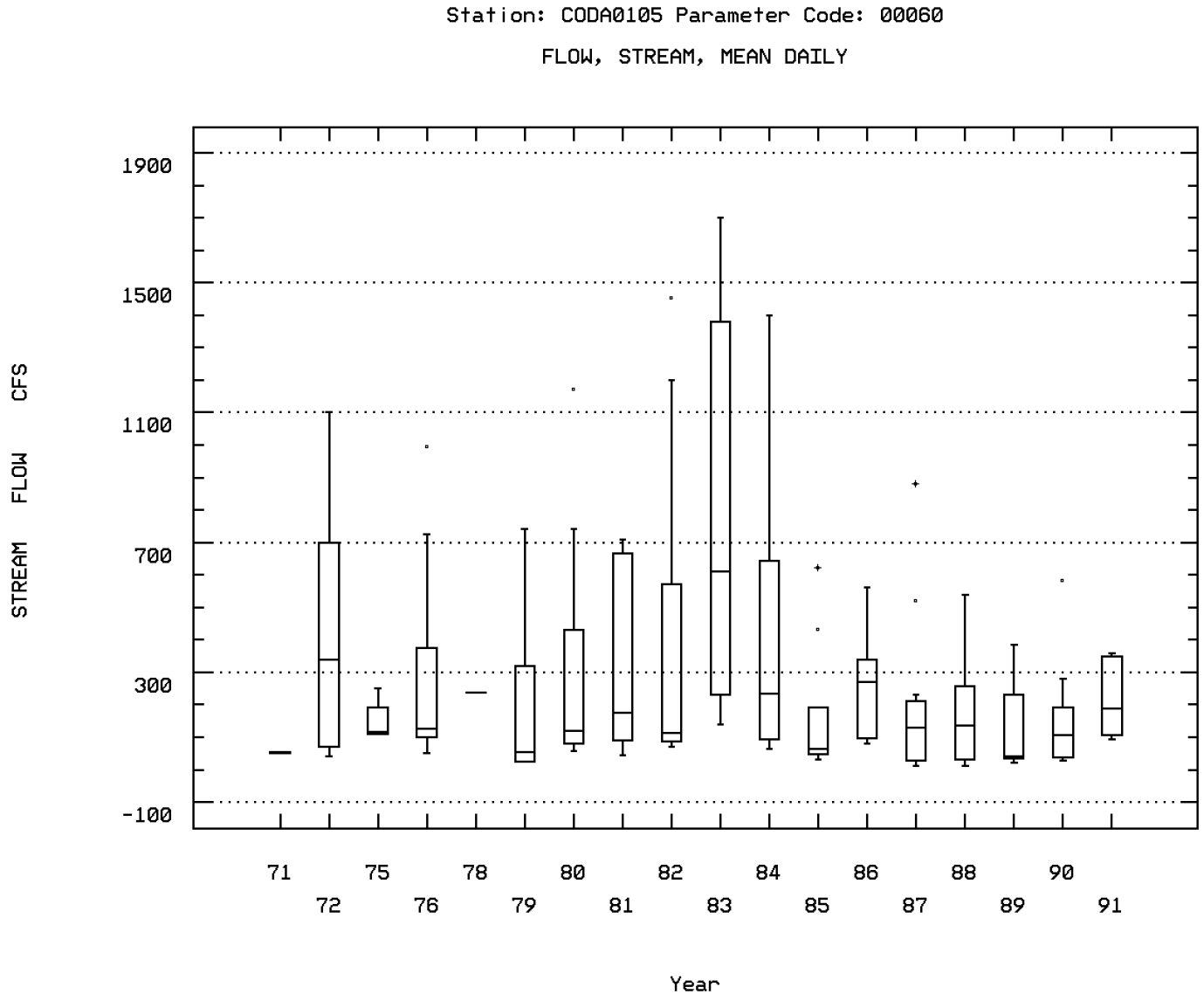
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	8	11.5	9.8	16.7	3.3	26.089	5.108	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	7	187.	220.857	360.	92.	12610.81	112.298	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	8	183.	178.5	210.	139.	707.143	26.592	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	8	10.05	10.563	12.3	8.8	2.026	1.423	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	8	97.4	95.912	99.8	88.3	13.87	3.724	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	8	8.2	8.15	8.4	7.6	0.063	0.251	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	8	8.2	8.07	8.4	7.6	0.07	0.265	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	8	0.006	0.009	0.025	0.004	0.	0.007	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/80-09/11/91	8	6.	10.	31.	2.	98.857	9.943	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	8 ##	0.005	0.006	0.013	0.005	0.	0.003	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-09/11/91	8 ##	0.005	0.037	0.15	0.005	0.003	0.054	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	8	0.046	0.046	0.07	0.028	0.	0.012	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	8	0.023	0.023	0.03	0.015	0.	0.006	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	7	11.	22.143	80.	0.5	817.726	28.596	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	7	1.041	0.825	1.903	-0.301	0.786	0.887	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.677								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/06/86-09/11/91	8	2.1	3.	8.9	1.	6.769	2.602	**	**	**	**

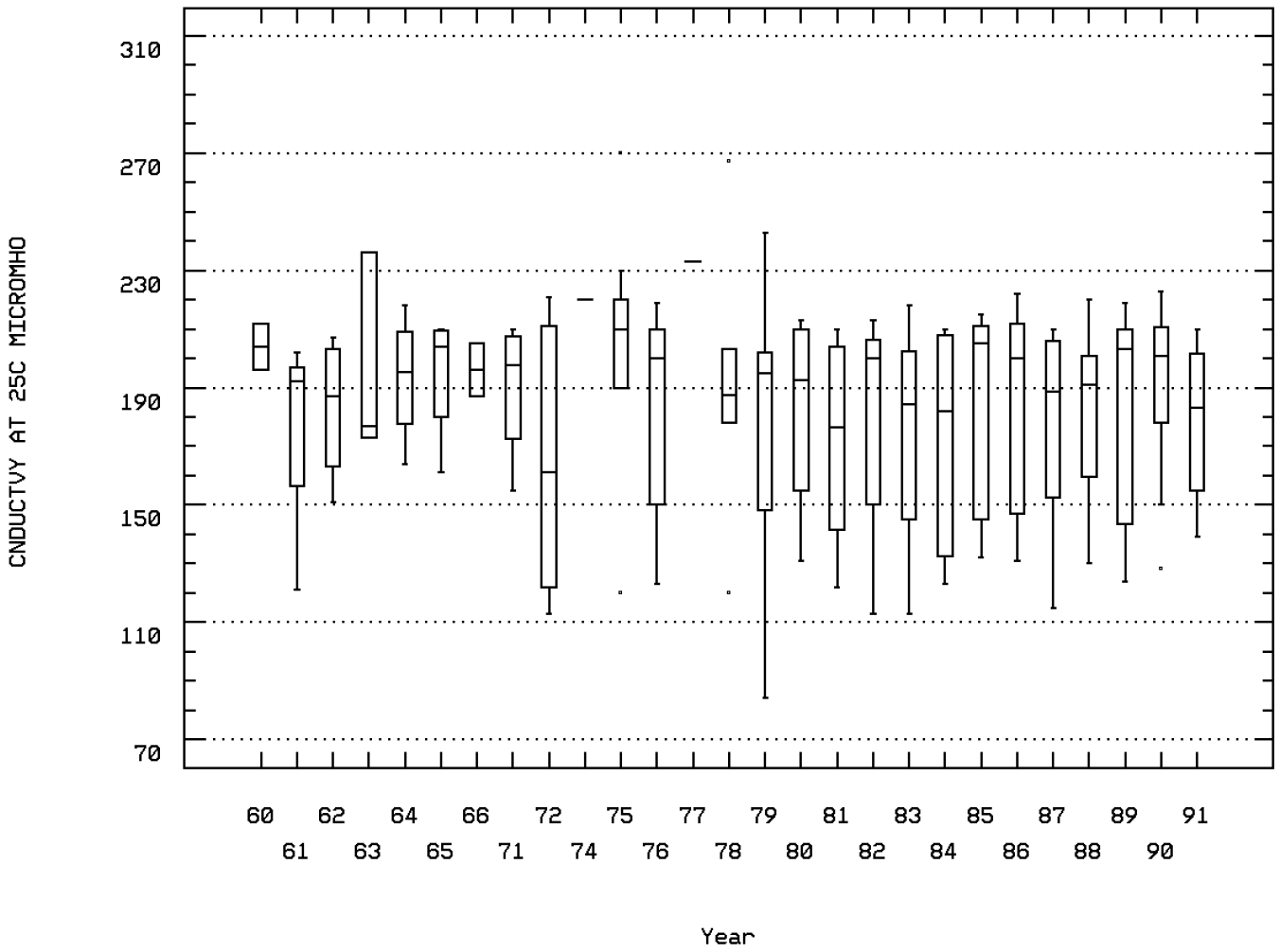
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



SANPOIL RIVER AT KELLER

Station: CODA0105 Parameter Code: 00095

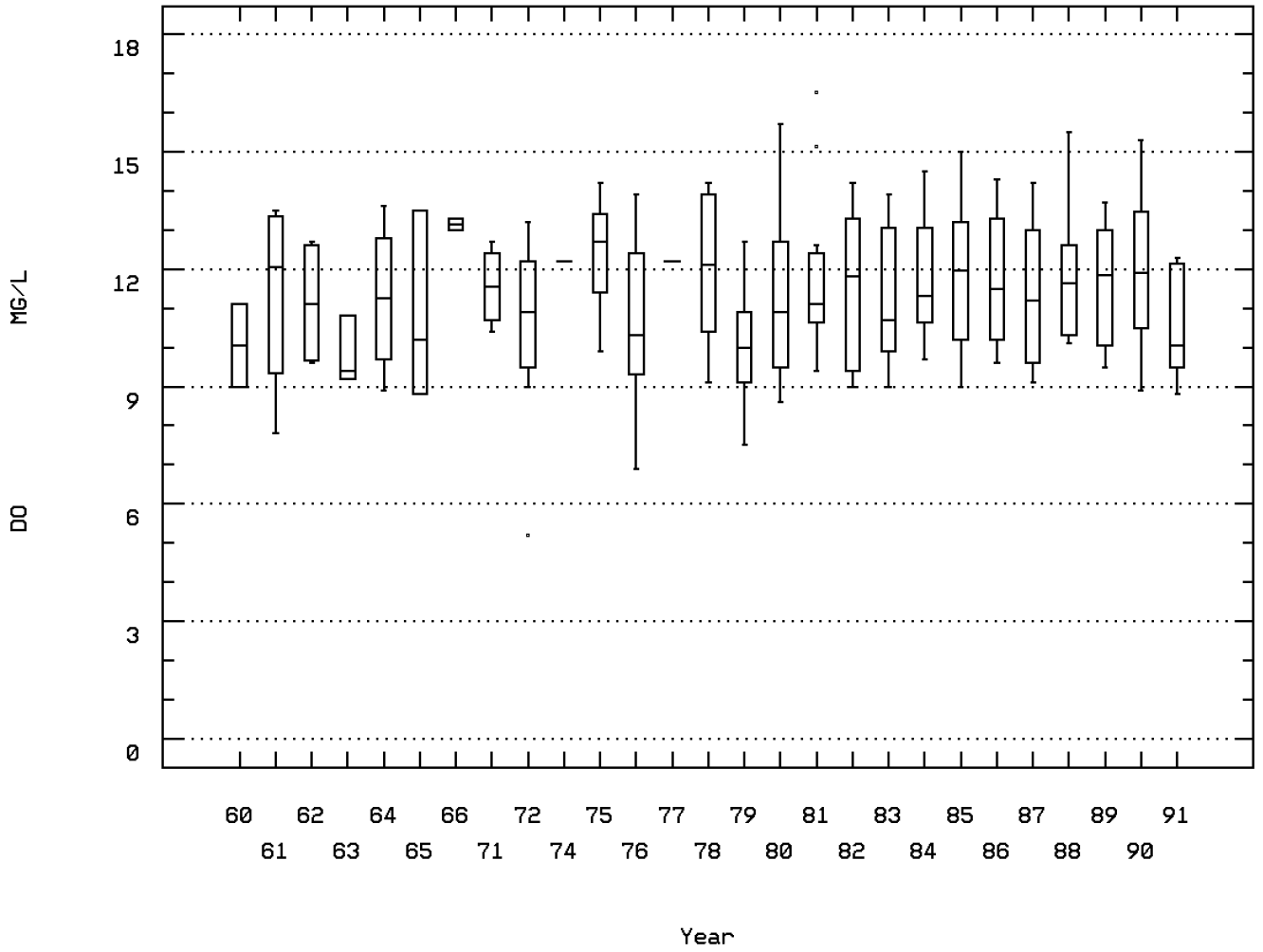
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



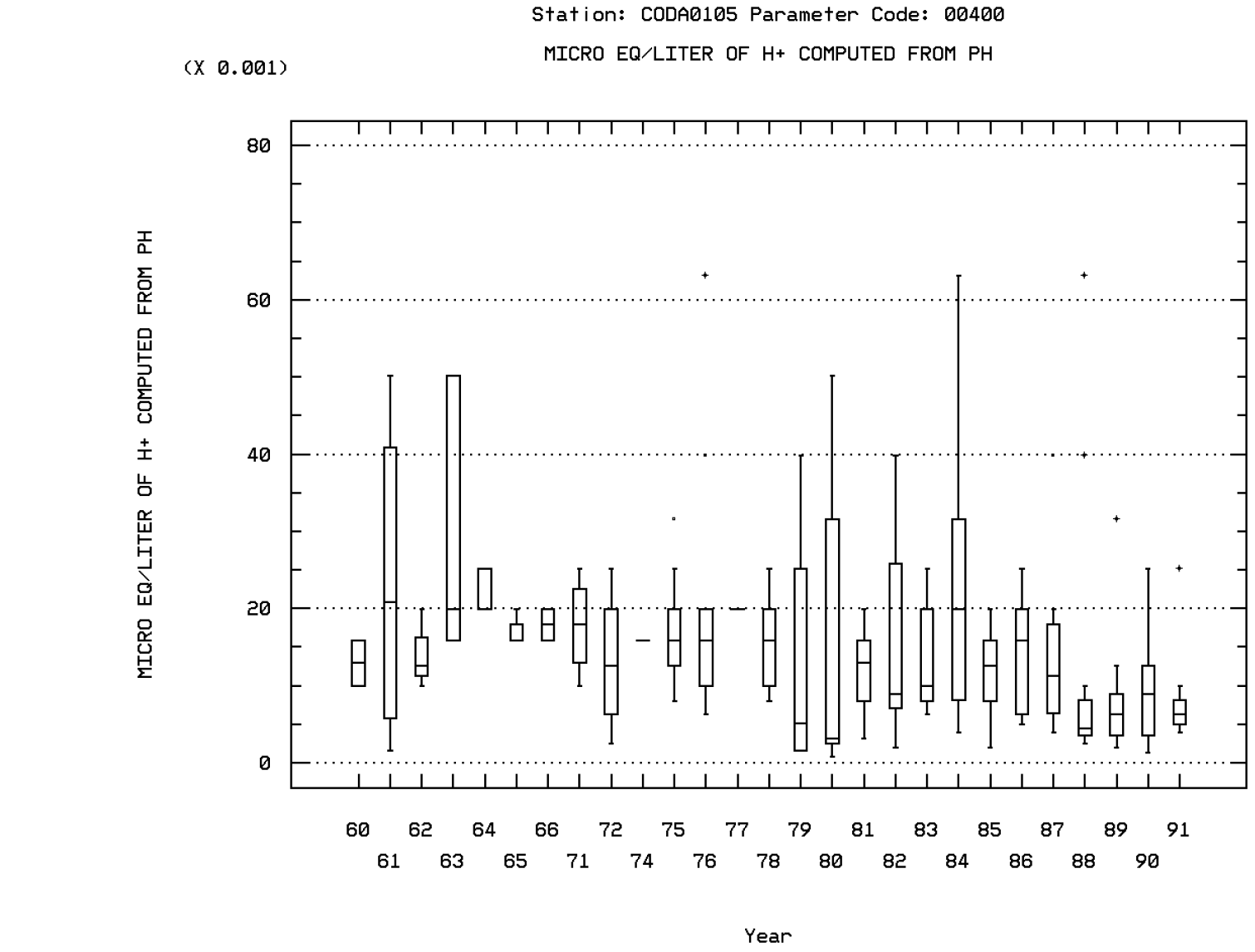
SANPOIL RIVER AT KELLER

Station: CODA0105 Parameter Code: 00300

OXYGEN, DISSOLVED



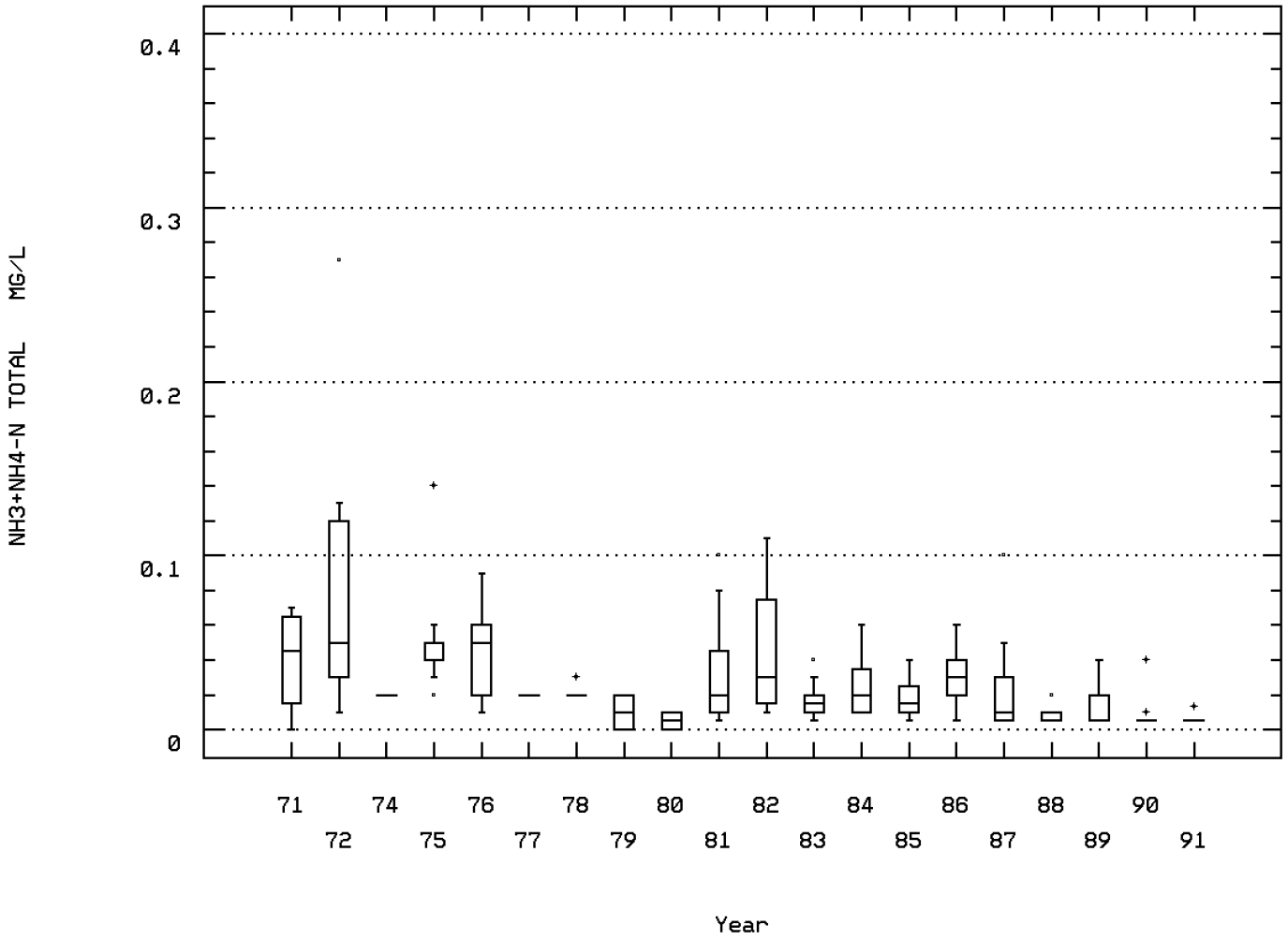
SANPOIL RIVER AT KELLER



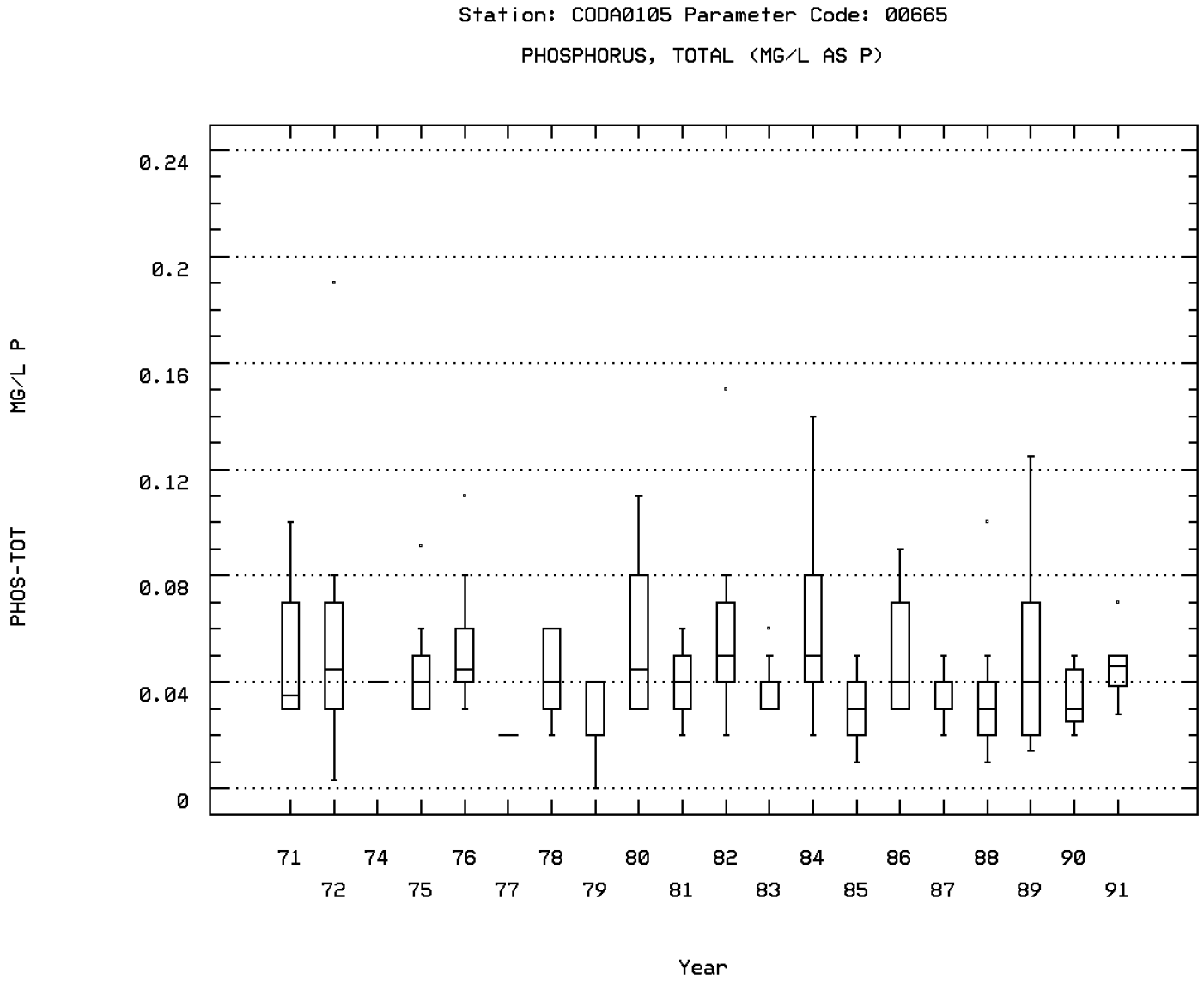
SANPOIL RIVER AT KELLER

Station: CODA0105 Parameter Code: 00610

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



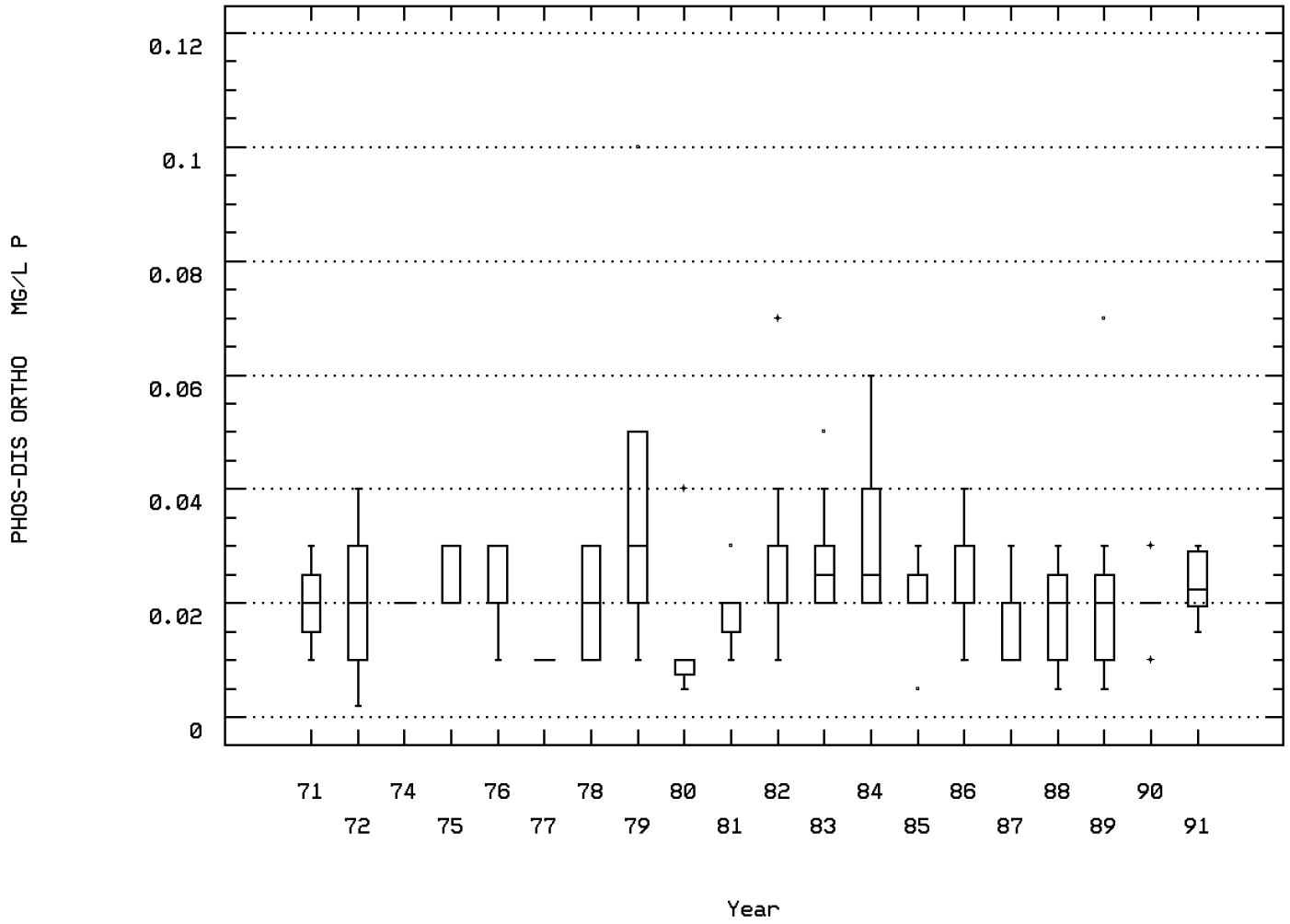
SANPOIL RIVER AT KELLER



SANPOIL RIVER AT KELLER

Station: CODA0105 Parameter Code: 00671

PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (M



SANPOIL RIVER AT KELLER

Seasonal Analysis for Season #1: 8/15 to 1/31 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	93	5.9	6.966	20.5	-0.1	37.833	6.151	0.2	0.9	11.9	17.3
00060	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	71	75.	96.493	430.	11.	6271.625	79.194	28.	43.	114.	223.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	60	1.5	1.943	10.	0.	3.267	1.808	0.05	1.	2.75	4.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	67	13.	12.649	29.	0.	49.106	7.008	4.8	5.	17.	21.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	94	209.	203.851	270.	124.	502.365	22.413	176.	200.	212.	220.5
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	94	12.05	11.887	15.7	5.2	3.59	1.895	9.6	10.4	13.425	14.25
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	65	102.1	101.923	113.	78.4	46.681	6.832	90.62	100.3	106.15	110.26
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	94	8.	8.02	9.1	7.2	0.151	0.388	7.5	7.8	8.2	8.55
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	94	8.	7.862	9.1	7.2	0.176	0.419	7.5	7.8	8.2	8.55
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	94	0.01	0.014	0.063	0.001	0.	0.013	0.003	0.006	0.016	0.032
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/26/72	16	110.	109.438	126.	91.	56.663	7.527	99.4	105.25	111.75	120.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/80-09/11/91	55	2.	3.1	26.	0.5	14.235	3.773	0.8	1.	4.	6.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	84	0.01	0.023	0.14	0.	0.001	0.027	0.005	0.005	0.02	0.055
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	44 ##	0.005	0.004	0.01	0.	0.	0.002	0.	0.005	0.005	0.005
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	51	0.03	0.052	0.28	0.	0.003	0.059	0.005	0.005	0.09	0.11
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-09/11/91	44	0.01	0.036	0.31	0.	0.003	0.056	0.005	0.005	0.058	0.085
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/27/60-09/14/78	11	0.06	0.08	0.17	0.03	0.002	0.05	0.03	0.03	0.11	0.168
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	80	0.03	0.036	0.1	0.	0.	0.018	0.02	0.03	0.04	0.059
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	81	0.02	0.018	0.04	0.002	0.	0.007	0.01	0.01	0.02	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/26/72	16	90.5	90.875	106.	78.	39.45	6.281	82.2	87.	94.75	99.7
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/12/72	15	2.	2.267	6.	0.	5.067	2.251	0.	0.	4.	5.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/26/72	16	26.5	40.938	260.	23.	3415.929	58.446	23.7	25.	28.	99.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/26/72	16	6.15	6.131	7.5	4.8	0.465	0.682	5.01	5.85	6.375	7.43
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/26/72	16	6.6	6.594	8.	6.	0.219	0.468	6.07	6.225	6.8	7.23
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/26/72	16	1.35	1.375	2.	1.1	0.061	0.246	1.1	1.2	1.5	1.79
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/26/72	16	0.9	0.856	2.	0.	0.172	0.415	0.35	0.575	1.	1.3
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/26/72	16	15.	15.938	22.	13.	4.196	2.048	13.7	15.	17.	19.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-02/22/72	11	21.	20.818	24.	16.	5.564	2.359	16.4	20.	23.	23.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	53	7.	11.443	80.	0.5	203.526	14.266	0.5	1.5	14.5	29.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	53	0.845	0.705	1.903	-0.301	0.409	0.639	-0.301	0.151	1.161	1.471
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.064								

** - Less than 9 observations ## - Computed 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: 2/01 to 4/15 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	52	4.3	4.096	10.	-0.1	5.734	2.395	1.5	2.2	5.95	7.9
00060	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	43	360.	507.256	1700.	20.	192095.671	438.287	104.4	135.	670.	1344.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	36	5.5	15.814	190.	0.	1122.858	33.509	0.	3.	12.5	46.3
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	38	17.	30.342	110.	0.	809.258	28.447	5.	9.5	44.5	71.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	53	163.	166.321	213.	113.	997.607	31.585	125.2	135.5	198.	206.2
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	51	12.6	12.608	16.5	10.	1.346	1.16	11.22	11.8	13.2	14.06
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	37	101.2	100.443	123.	83.	52.17	7.223	90.1	97.65	104.65	107.08
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	53	7.8	7.838	8.7	7.3	0.093	0.305	7.4	7.7	8.	8.3
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	53	7.8	7.745	8.7	7.3	0.102	0.319	7.4	7.7	8.	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	53	0.016	0.018	0.05	0.002	0.	0.012	0.005	0.01	0.02	0.04
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/26/72	11	94.	89.636	108.	58.	350.255	18.715	59.2	67.	104.	107.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/80-09/11/91	33	12.	32.864	330.	0.5	4261.676	65.282	1.	4.	26.	124.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	46	0.02	0.033	0.27	0.	0.002	0.044	0.005	0.009	0.04	0.069
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	25 ##	0.005	0.007	0.02	0.	0.	0.005	0.005	0.005	0.005	0.014
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	32	0.055	0.069	0.28	0.005	0.003	0.055	0.013	0.033	0.098	0.13
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-09/11/91	21	0.04	0.142	1.77	0.005	0.144	0.379	0.005	0.015	0.09	0.278
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/27/60-09/14/78	7	0.09	0.221	0.95	0.07	0.104	0.323	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	46	0.04	0.057	0.19	0.01	0.002	0.039	0.02	0.03	0.07	0.115
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	45	0.02	0.027	0.1	0.005	0.	0.018	0.01	0.02	0.03	0.044
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/26/72	11	82.	76.182	94.	48.	307.364	17.532	48.4	55.	90.	93.4

** - 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 #2: 2/01 to 4/15 - Station CODA0105

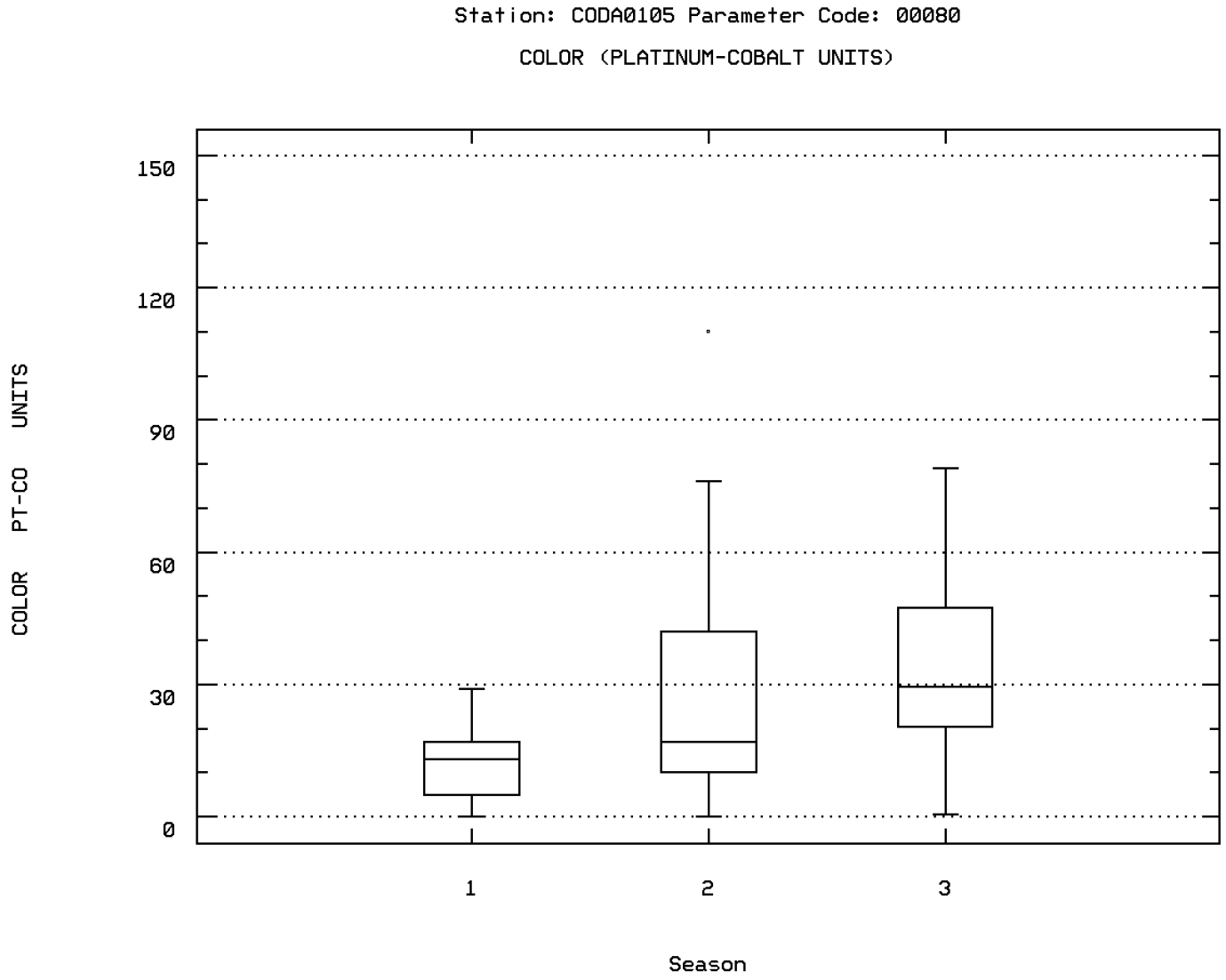
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/12/72	11	4.	2.909	5.	0.	3.891	1.973	0.	1.	5.	5.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/26/72	11	24.	22.	27.	14.	26.2	5.119	14.	16.	26.	26.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/26/72	11	5.5	5.173	6.4	3.1	1.386	1.177	3.2	3.9	6.1	6.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/26/72	11	6.1	5.809	6.5	4.3	0.571	0.756	4.4	5.	6.4	6.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/26/72	11	1.3	1.209	1.6	0.9	0.039	0.197	0.92	1.	1.3	1.54
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/26/72	11	0.8	0.927	2.	0.5	0.146	0.382	0.54	0.8	1.	1.8
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/26/72	10	16.	14.8	18.	8.	11.067	3.327	8.2	13.	17.25	18.
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-02/22/72	9	21.	41.111	205.	18.	3778.361	61.468	18.	20.5	21.5	205.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	33	3.	7.227	55.	0.5	118.642	10.892	0.5	0.5	10.	21.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	33	0.477	0.483	1.74	-0.301	0.368	0.607	-0.301	-0.301	1.	1.326
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.039								

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

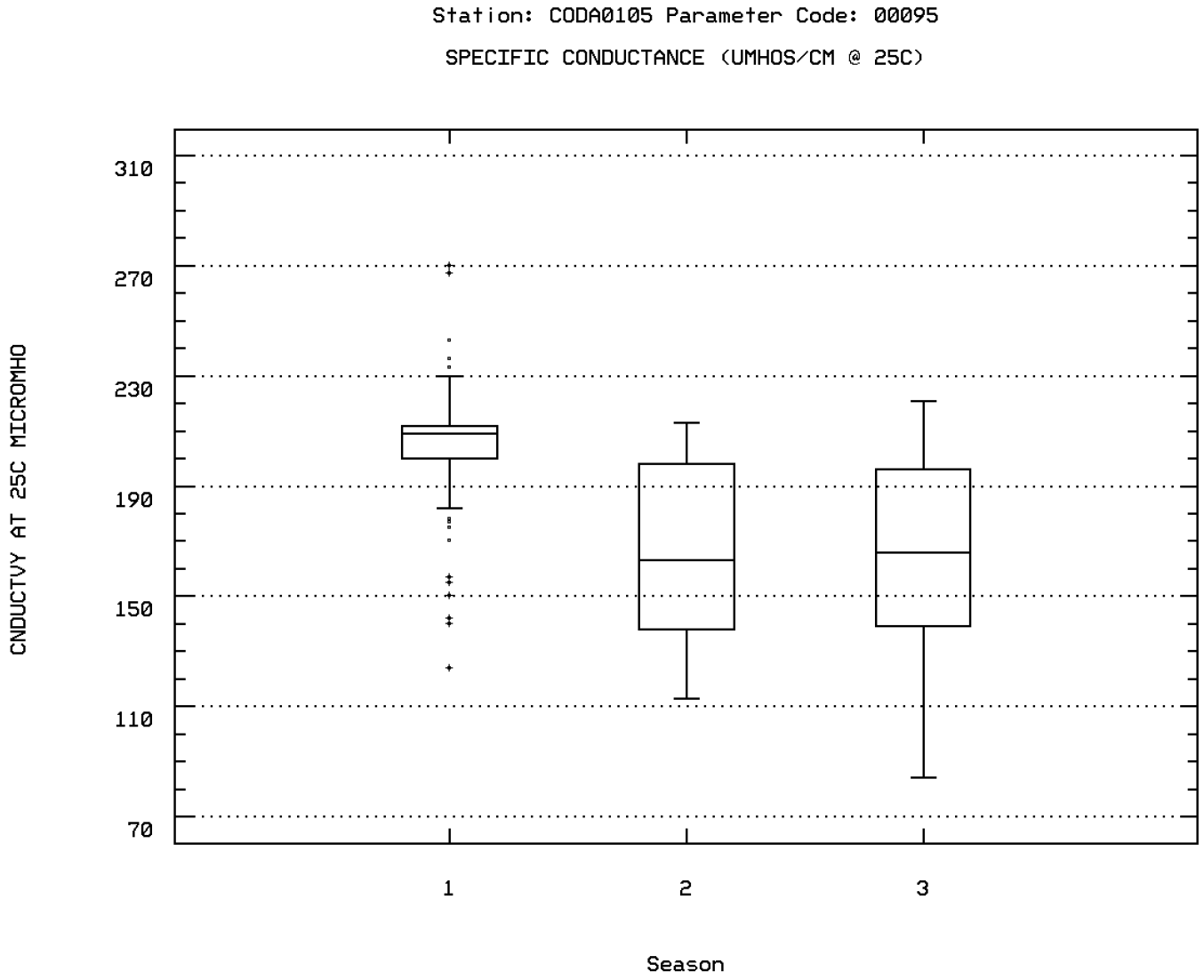
Seasonal Analysis for Season #3: 4/16 to 8/14 - Station CODA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-09/11/91	70	15.	14.823	26.6	6.3	20.621	4.541	8.92	10.575	18.05	20.45
00060	FLOW, STREAM, MEAN DAILY CFS	10/12/71-08/14/91	55	255.	378.309	1550.	13.	124522.995	352.878	42.6	123.	575.	912.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-07/16/86	43	5.	7.451	74.	0.	129.029	11.359	1.	2.	9.	14.2
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/03/86	48	29.5	33.052	79.	0.5	409.854	20.245	5.	20.25	48.25	63.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-09/11/91	70	166.	165.771	221.	84.	1105.947	33.256	120.1	139.	196.	209.7
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-09/11/91	70	9.75	9.884	12.3	6.9	1.069	1.034	8.91	9.175	10.625	11.3
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/21/77-09/11/91	46	102.2	101.22	114.1	82.2	38.724	6.223	93.71	98.1	104.65	108.35
00400p	PH (STANDARD UNITS)	07/27/60-09/11/91	69	8.	7.987	8.8	7.3	0.117	0.342	7.6	7.7	8.2	8.4
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-09/11/91	69	8.	7.867	8.8	7.3	0.131	0.362	7.6	7.7	8.2	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-09/11/91	69	0.01	0.014	0.05	0.002	0.	0.01	0.004	0.006	0.02	0.025
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/26/72	14	91.5	87.357	109.	59.	334.247	18.282	61.	69.75	105.25	108.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/80-09/11/91	40	6.5	15.725	140.	1.	624.358	24.987	3.	4.	14.75	33.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-09/11/91	59	0.03	0.033	0.13	0.	0.001	0.03	0.005	0.01	0.04	0.08
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-12/16/87	33 ##	0.005	0.005	0.02	0.	0.	0.004	0.	0.005	0.005	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/16/87	39	0.01	0.029	0.16	0.005	0.001	0.034	0.005	0.005	0.05	0.07
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-09/11/91	27	0.01	0.018	0.08	0.	0.	0.02	0.004	0.005	0.03	0.054
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/27/60-09/14/78	8	0.1	0.099	0.12	0.07	0.	0.019	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-09/11/91	58	0.05	0.051	0.091	0.01	0.	0.018	0.03	0.04	0.06	0.08
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-09/11/91	60	0.02	0.025	0.06	0.01	0.	0.011	0.01	0.02	0.03	0.039
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/26/72	15	74.	71.8	90.	46.	249.6	15.799	47.2	56.	88.	89.4
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/12/72	14	0.	0.643	4.	0.	1.478	1.216	0.	0.	1.25	3.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/26/72	14	22.	20.786	26.	13.	23.412	4.839	13.5	15.75	25.25	26.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/26/72	14	4.95	4.85	6.6	3.2	1.203	1.097	3.25	3.85	5.75	6.25
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/26/72	14	6.15	5.843	6.6	4.5	0.56	0.748	4.7	5.15	6.5	6.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/26/72	14	1.4	1.364	1.8	0.9	0.056	0.237	0.95	1.2	1.525	1.7
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/26/72	14	0.75	0.693	2.	0.	0.276	0.525	0.	0.375	0.925	1.5
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/26/72	14	12.5	11.643	15.	7.	7.786	2.79	7.	8.75	14.	14.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-02/22/72	7	21.	20.857	23.	19.	2.476	1.574	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	44	21.	21.977	80.	4.	197.279	14.046	9.	11.25	28.75	32.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/09/71-09/11/91	44	1.322	1.264	1.903	0.602	0.073	0.271	0.952	1.051	1.459	1.505
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			18.36								

** - 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



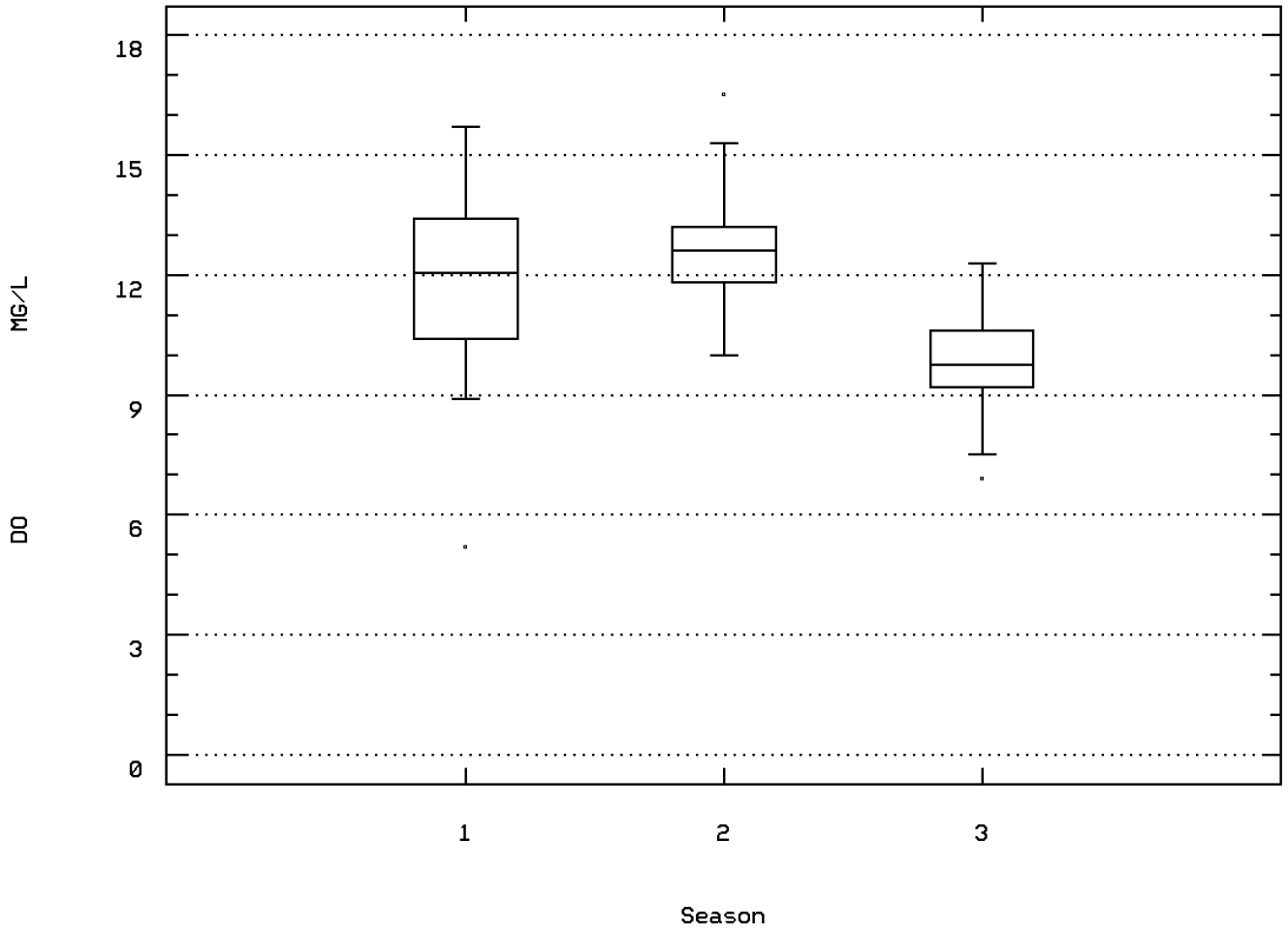
SANPOIL RIVER AT KELLER



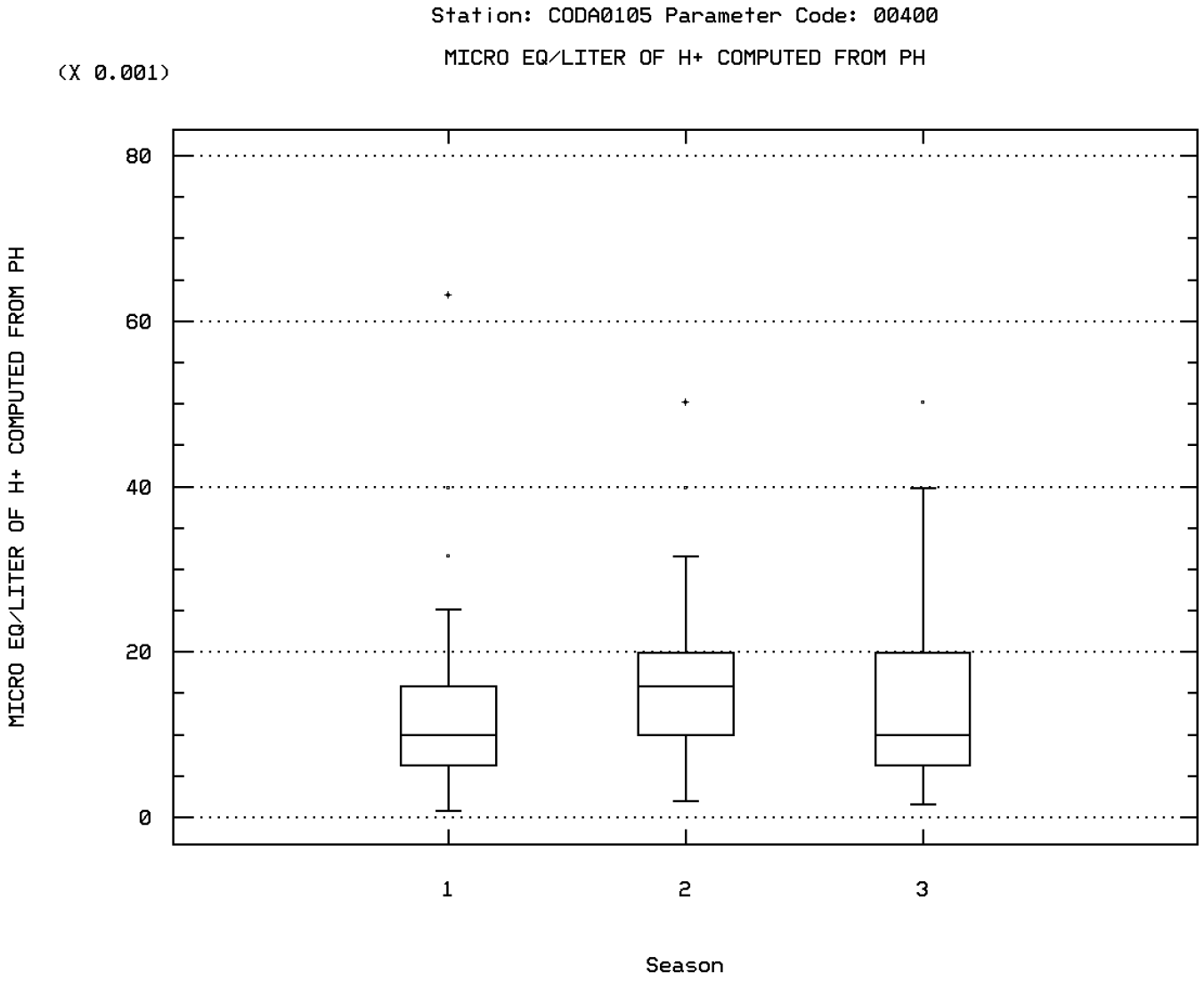
SANPOIL RIVER AT KELLER

Station: CODA0105 Parameter Code: 00300

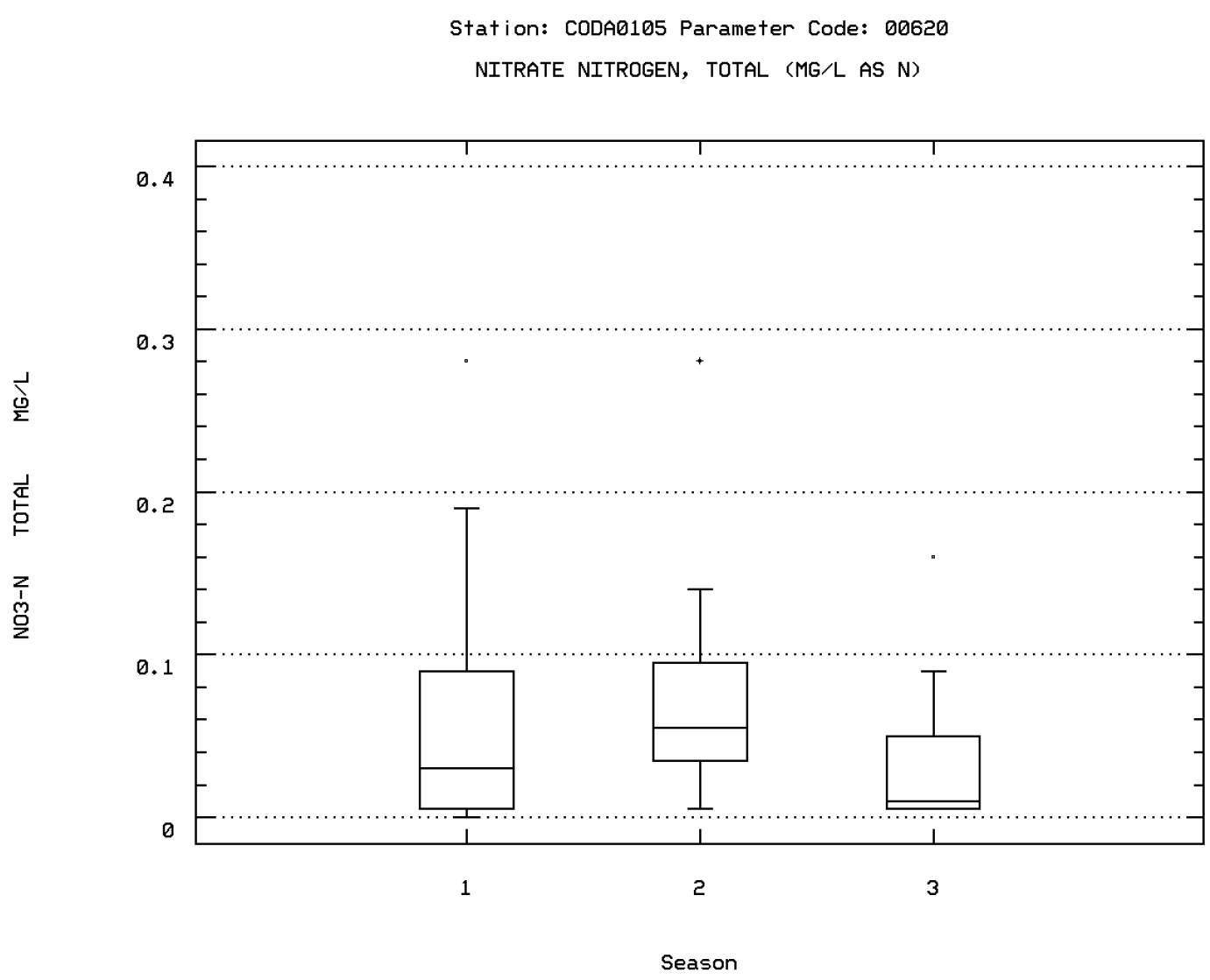
OXYGEN, DISSOLVED



SANPOIL RIVER AT KELLER



SANPOIL RIVER AT KELLER



SANPOIL RIVER AT KELLER

Station Inventory for Station: CODA0106

NPS Station ID: CODA0106
LAT/LON: 48.084448/-118.690281
Agency: 112WRD
Date Created: / /
Location: SANPOIL R ABV JACK CR AT KELLER, WASH
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12434590
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020004006
RF1 Mile Point: 0.090
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/02/80	99	8.5	9.283	26.6	0.	44.811	6.694	0.3	3.6	14.4	18.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/02/80	68	131.	332.618	1170.	25.	117780.27	343.191	42.9	69.	586.25	937.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-09/14/78	75	2.	4.733	35.	0.	39.252	6.265	0.	1.	6.	11.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/21/78-06/02/80	11	1.	3.609	10.	0.4	15.075	3.883	0.4	0.5	8.4	9.8
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-06/02/80	89	14.	18.562	78.	0.	307.635	17.54	5.	5.	21.5	49.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/02/80	97	191.	182.247	270.	84.	1403.23	37.46	121.8	152.5	210.	220.
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/02/80	87	10.9	11.077	14.2	5.2	3.422	1.85	9.08	9.6	12.7	13.52
00400	PH (STANDARD UNITS)	07/27/60-06/02/80	87	7.8	7.845	8.8	7.2	0.101	0.318	7.48	7.7	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/02/80	87	7.8	7.749	8.8	7.2	0.11	0.332	7.48	7.7	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/02/80	87	0.016	0.018	0.063	0.002	0.	0.012	0.006	0.01	0.02	0.033
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/60-09/26/72	43	2.3	2.5	7.5	0.2	1.889	1.374	0.88	1.7	3.	4.24
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/27/60-09/26/72	46	85.	78.87	103.	48.	223.227	14.941	52.	70.25	89.25	92.9
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/26/72	46	104.	96.196	126.	58.	333.628	18.265	63.	85.25	109.25	113.2
00445	CARBONATE ION (MG/L AS CO3)	03/22/66-10/19/71	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/12/71-09/26/72	22	0.285	0.331	0.76	0.03	0.05	0.224	0.059	0.128	0.518	0.64
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/02/80	65	0.03	0.046	0.27	0.	0.002	0.046	0.008	0.02	0.06	0.119
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/12/71-09/26/72	22	0.	0.005	0.02	0.	0.	0.007	0.	0.	0.01	0.02
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/26/72	47	0.05	0.063	0.28	0.	0.002	0.049	0.02	0.02	0.07	0.132
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/71-09/26/72	22	0.315	0.402	0.91	0.05	0.075	0.274	0.09	0.15	0.653	0.826
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/23/74-06/02/80	43	0.03	0.053	0.31	0.01	0.004	0.063	0.01	0.02	0.07	0.086
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/08/79-05/08/79	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/12/71-06/02/80	62	0.06	0.075	0.4	0.01	0.003	0.059	0.03	0.06	0.09	0.111
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/02/80	63	0.04	0.051	0.19	0.003	0.001	0.03	0.02	0.03	0.06	0.091
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/02/80	62	0.02	0.025	0.13	0.002	0.	0.019	0.01	0.02	0.03	0.037
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/26/72	45	87.	79.867	110.	46.	268.664	16.391	49.6	69.5	90.5	95.4
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/26/72	45	1.	1.911	9.	0.	5.628	2.372	0.	0.	4.	5.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/26/72	45	25.	23.089	30.	13.	22.946	4.79	14.	20.	26.	28.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/26/72	45	5.7	5.384	7.5	3.1	1.262	1.123	3.46	4.55	6.15	6.48
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/26/72	45	6.3	6.111	8.	4.3	0.588	0.767	4.86	5.75	6.6	6.8
00931	SODIUM ADSORPTION RATIO	07/27/60-09/26/72	45	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00932	SODIUM, PERCENT	07/27/60-09/26/72	45	14.	14.267	19.	12.	2.245	1.498	13.	13.	15.	16.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/26/72	46	1.3	1.315	2.	0.9	0.052	0.229	1.	1.2	1.4	1.6
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/26/72	46	0.8	0.804	2.	0.	0.188	0.433	0.28	0.5	1.	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/26/72	45	15.	14.067	22.	7.	11.064	3.326	8.6	12.5	16.	18.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-09/27/66	24	0.3	0.313	0.4	0.2	0.005	0.068	0.2	0.3	0.4	0.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-09/27/66	23	21.	20.652	24.	16.	3.419	1.849	18.	20.	22.	23.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/30/60-09/27/66	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01020	BORON, DISSOLVED (UG/L AS B)	01/26/61-09/27/66	10 ##	5.	17.	90.	5.	695.556	26.373	5.	5.	20.	83.

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

Parameter Inventory for Station: CODA0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/30/60-09/23/76	54 ##	0.	2.5	50.	0.	56.368	7.508	0.	0.	1.25	5.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	11/22/61-09/27/66	9 ##	5.	5.556	10.	5.	2.778	1.667	5.	5.	5.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/12/71-11/09/71	3	3.	2.	3.	0.	3.	1.732	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/30/60-09/23/76	56	1.5	18.839	450.	0.	4402.565	66.352	0.	1.	4.	40.
01045	IRON, TOTAL (UG/L AS FE)	07/27/60-09/21/65	18	80.	81.944	260.	5.	3920.997	62.618	18.5	37.5	100.	197.
01049	LEAD, DISSOLVED (UG/L AS PB)	10/12/71-09/23/76	45	2.	4.622	100.	0.	215.968	14.696	0.	1.	4.	5.4
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/22/61-09/23/76	54 ##	0.	14.815	130.	0.	740.531	27.213	0.	0.	20.	50.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/12/71-09/23/76	44	170.	306.33	1300.	0.5	120569.802	347.232	17.	100.	462.5	980.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/12/71-09/23/76	44	2.23	2.174	3.114	-0.301	0.425	0.652	1.224	2.	2.66	2.98
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			149.177								
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/27/60-09/27/66	23	90.	845.152	11000.	0.	5818149.692	2412.084	0.5	36.	430.	3132.
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	07/27/60-09/27/66	23	1.954	1.806	4.041	-0.301	1.379	1.174	-0.301	1.556	2.633	3.385
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			63.941								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/72-09/23/76	29	10.	15.259	80.	1.	281.868	16.789	2.	4.5	26.	38.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/72-09/23/76	29	1.	0.953	1.903	0.	0.234	0.484	0.301	0.651	1.415	1.58
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.965								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/21/77-06/02/80	17	5.	29.265	240.	0.5	3729.629	61.071	0.9	1.5	27.	140.8
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/21/77-06/02/80	17	0.699	0.84	2.38	-0.301	0.566	0.753	-0.06	0.151	1.424	2.128
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			6.916								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-09/27/66	24	129.5	128.292	156.	98.	139.955	11.83	111.	122.25	135.75	140.5
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/27/60-09/27/66	23	129.	125.13	150.	87.	191.755	13.848	104.8	117.	133.	139.6
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/27/60-09/27/66	24	0.18	0.175	0.21	0.13	0.	0.017	0.15	0.17	0.188	0.19
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/27/60-09/21/65	21	0.04	0.059	0.31	0.01	0.005	0.067	0.02	0.025	0.06	0.154
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/08/79-06/02/80	8	0.	0.005	0.02	0.	0.	0.008	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/08/79-06/02/80	8	0.12	0.149	0.34	0.	0.013	0.113	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/12/71-09/23/76	46 ##	0.25	0.484	4.	0.	0.573	0.757	0.17	0.25	0.263	1.16
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/06/72-09/13/72	9	15.	34.222	169.	2.	2739.944	52.344	2.	7.	38.	169.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/06/72-09/13/72	9	14.	85.292	525.	0.23	28797.096	169.697	0.23	1.45	90.	525.

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

EPA Water Quality Criteria Analysis for Station: CODA0106

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	75	0	0.00	31	0	0.00	17	0	0.00	27	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	87	0	0.00	38	0	0.00	19	0	0.00	30	0	0.00			
00400	PH	Other-Hi Lim.	9.	87	0	0.00	38	0	0.00	20	0	0.00	29	0	0.00			
		Other-Lo Lim.	6.5	87	0	0.00	38	0	0.00	20	0	0.00	29	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	22	0	0.00	8	0	0.00	5	0	0.00	9	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	47	0	0.00	18	0	0.00	12	0	0.00	17	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	43	0	0.00	21	0	0.00	9	0	0.00	13	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	46	0	0.00	18	0	0.00	12	0	0.00	16	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	45	0	0.00	18	0	0.00	11	0	0.00	16	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	54	0	0.00	21	0	0.00	12	0	0.00	21	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	9	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	100.	9	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	3	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	56	10	0.18	23	3	0.13	12	3	0.25	21	4	0.19			
		Drinking Water	1300.	56	0	0.00	23	0	0.00	12	0	0.00	21	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	45	1	0.02	18	0	0.00	9	0	0.00	18	1	0.06			
		Drinking Water	5.	45	5	0.11	18	0	0.00	9	1	0.11	18	4	0.22			
01090	ZINC, DISSOLVED	Fresh Acute	120.	54	1	0.02	21	0	0.00	12	1	0.08	21	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	44	4	0.09	19	1	0.05	9	1	0.11	16	2	0.13			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	23	2	0.09	9	0	0.00	6	0	0.00	8	2	0.25			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	29	0	0.00	14	0	0.00	5	0	0.00	10	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	17	1	0.06	8	0	0.00	4	0	0.00	5	1	0.20			

& - 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: CODA0106

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
71900 MERCURY, TOTAL	Fresh Acute	2.4	46	3	0.07	19	1	0.05	9	0	0.00	18	2	0.11			
	Drinking Water	2.	46	3	0.07	19	1	0.05	9	0	0.00	18	2	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

Seasonal Analysis for Season #1: 8/15 to 1/31 - Station CODA0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/02/80	40	6.5	7.527	20.	0.	43.626	6.605	0.01	0.425	12.95	17.99
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/02/80	27	66.	86.481	252.	25.	3489.875	59.075	28.2	50.	114.	199.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-09/14/78	31	2.	1.935	10.	0.	3.662	1.914	0.	1.	3.	3.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-06/02/80	40	9.	10.575	25.	0.	54.866	7.407	0.2	5.	17.	21.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/02/80	40	210.	210.075	270.	155.	451.712	21.254	189.1	200.	219.75	235.7
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/02/80	38	11.25	11.421	14.2	5.2	3.664	1.914	9.29	10.125	13.225	13.91
00400	PH (STANDARD UNITS)	07/27/60-06/02/80	38	7.85	7.897	8.8	7.2	0.104	0.323	7.5	7.7	8.025	8.42
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/02/80	38	7.847	7.798	8.8	7.2	0.114	0.338	7.5	7.7	8.025	8.42
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/02/80	38	0.014	0.016	0.063	0.002	0.	0.011	0.004	0.009	0.02	0.032
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/60-09/26/72	17	2.7	2.547	5.4	0.4	1.881	1.372	0.48	1.65	3.6	4.6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/27/60-09/26/72	18	90.	90.056	103.	75.	33.938	5.826	84.	86.75	92.75	97.6
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/26/72	18	110.	109.833	126.	91.	52.382	7.238	101.8	105.75	113.	118.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/02/80	29	0.02	0.033	0.14	0.	0.001	0.034	0.	0.015	0.045	0.07
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/26/72	18	0.04	0.047	0.16	0.	0.001	0.039	0.	0.02	0.07	0.097
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/12/71-06/02/80	28	0.06	0.056	0.09	0.01	0.	0.022	0.03	0.03	0.06	0.09
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/02/80	27	0.03	0.033	0.1	0.003	0.	0.017	0.017	0.03	0.04	0.042
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/02/80	28	0.02	0.019	0.03	0.002	0.	0.007	0.01	0.01	0.02	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/26/72	17	91.	91.529	110.	78.	55.265	7.434	82.8	87.	95.5	103.6
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/26/72	17	1.	2.118	7.	0.	6.11	2.472	0.	0.	4.5	6.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/26/72	17	26.	26.471	30.	23.	4.265	2.065	23.8	25.	28.	30.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/26/72	17	6.1	6.141	7.5	4.8	0.453	0.673	5.04	5.85	6.4	7.42
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/26/72	17	6.7	6.665	8.	6.1	0.195	0.442	6.18	6.35	6.8	7.28
00931	SODIUM ADSORPTION RATIO	07/27/60-09/26/72	17	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00932	SODIUM, PERCENT	07/27/60-09/26/72	17	14.	13.529	15.	12.	0.515	0.717	12.8	13.	14.	14.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/26/72	18	1.3	1.361	2.	1.1	0.055	0.235	1.1	1.2	1.5	1.73
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/26/72	18	0.9	0.844	2.	0.	0.16	0.4	0.45	0.5	1.	1.1
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/26/72	18	15.	16.111	22.	13.	4.693	2.166	13.9	15.	17.	20.2
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-09/27/66	10	0.3	0.32	0.4	0.2	0.006	0.079	0.2	0.275	0.4	0.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-09/27/66	9	20.	20.556	24.	16.	6.278	2.506	16.	19.	22.5	24.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/30/60-09/23/76	21 ##	0.	3.571	50.	0.	117.857	10.856	0.	0.	5.	5.
01040	COPPER, DISSOLVED (UG/L AS CU)	09/30/60-09/23/76	23	1.	24.261	450.	0.	8737.997	93.477	0.	1.	2.5	40.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/22/61-09/23/76	21 ##	0.	9.762	100.	0.	571.19	23.9	0.	0.	7.5	44.
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/27/60-09/27/66	9	36.	183.278	930.	0.	95969.069	309.789	0.	18.25	260.5	930.
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	07/27/60-09/27/66	9	1.556	1.543	2.968	-0.301	1.168	1.081	0.	0.628	2.296	2.968
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			34.879								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-09/27/66	10	135.5	136.	156.	125.	78.222	8.844	125.1	129.	140.25	154.5
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/27/60-09/27/66	9	134.	135.111	150.	119.	68.861	8.298	119.	132.	139.5	150.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/27/60-09/27/66	10	0.185	0.185	0.21	0.17	0.	0.012	0.17	0.178	0.19	0.208

** - Less than 9 observations ## - Computed 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: 2/01 to 4/15 - Station CODA0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/02/80	23	3.9	4.213	10.	1.1	4.277	2.068	1.78	2.7	5.8	6.84
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/02/80	14	665.	632.714	1150.	117.	135908.681	368.658	124.	294.5	947.	1125.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-09/14/78	17	5.	8.941	35.	0.	115.184	10.732	0.	1.	15.	32.6
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-06/02/80	21	11.	20.095	71.	0.	384.29	19.603	1.	7.5	31.5	52.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/02/80	21	178.	169.143	210.	113.	1049.129	32.39	119.6	138.5	199.5	209.
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/02/80	19	12.7	12.474	14.1	10.8	0.966	0.983	10.8	11.7	13.2	13.6
00400	PH (STANDARD UNITS)	07/27/60-06/02/80	20	7.7	7.71	8.2	7.3	0.05	0.225	7.31	7.625	7.875	7.9
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/02/80	20	7.7	7.653	8.2	7.3	0.054	0.232	7.31	7.625	7.875	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/02/80	20	0.02	0.022	0.05	0.006	0.	0.013	0.013	0.013	0.024	0.049
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/60-09/26/72	11	2.3	2.9	7.5	1.3	2.71	1.646	1.46	2.1	3.3	6.68
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/27/60-09/26/72	12	76.5	71.5	89.	48.	259.545	16.11	48.6	52.75	85.	88.7
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/26/72	12	93.5	87.25	108.	58.	386.75	19.666	58.9	64.75	104.	107.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/02/80	14	0.03	0.054	0.27	0.	0.005	0.069	0.	0.018	0.068	0.18

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

Seasonal Analysis for Season #2: 2/01 to 4/15 - Station CODA0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/26/72	12	0.075	0.093	0.28	0.02	0.005	0.072	0.02	0.05	0.128	0.238
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/12/71-06/02/80	12	0.09	0.119	0.4	0.03	0.013	0.113	0.039	0.06	0.09	0.373
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/02/80	14	0.065	0.076	0.19	0.02	0.002	0.044	0.025	0.04	0.11	0.15
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/02/80	12	0.03	0.039	0.13	0.01	0.001	0.037	0.013	0.02	0.03	0.121
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/26/72	12	81.	74.083	94.	48.	336.992	18.357	48.3	51.5	90.	93.1
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/26/72	12	2.5	2.667	5.	0.	4.424	2.103	0.	0.25	5.	5.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/26/72	12	23.5	21.333	27.	14.	29.152	5.399	14.	14.5	26.	26.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/26/72	12	5.25	5.033	6.4	3.1	1.493	1.222	3.22	3.675	6.1	6.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/26/72	12	6.05	5.725	6.5	4.3	0.604	0.777	4.45	4.85	6.375	6.5
00931	SODIUM ADSORPTION RATIO	07/27/60-09/26/72	12	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00932	SODIUM, PERCENT	07/27/60-09/26/72	12	14.	14.583	18.	13.	3.174	1.782	13.	13.	16.	17.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/26/72	12	1.25	1.192	1.6	0.9	0.039	0.198	0.93	1.	1.3	1.51
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/26/72	12	0.85	0.933	2.	0.5	0.133	0.365	0.56	0.8	1.	1.7
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/26/72	11	16.	14.273	18.	8.	13.018	3.608	8.2	10.	17.	18.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-09/27/66	7	0.3	0.271	0.3	0.2	0.002	0.049	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-09/27/66	7	21.	20.571	22.	18.	1.619	1.272	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/30/60-09/23/76	12 ##	0.	1.25	5.	0.	5.114	2.261	0.	0.	3.75	5.
01040	COPPER, DISSOLVED (UG/L AS CU)	09/30/60-09/23/76	12	1.	12.417	80.	0.	596.629	24.426	0.	1.	15.5	68.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/22/61-09/23/76	12 ##	10.	23.333	130.	0.	1346.97	36.701	0.	0.	25.	106.
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/27/60-09/27/66	6	36.	95.5	270.	0.5	14734.2	121.385	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	07/27/60-09/27/66	6	1.556	1.217	2.431	-0.301	1.525	1.235	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			16.492								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-09/27/66	7	128.	127.286	137.	113.	72.905	8.538	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/27/60-09/27/66	7	129.	124.	133.	109.	87.	9.327	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/27/60-09/27/66	7	0.17	0.173	0.19	0.15	0.	0.013	**	**	**	**

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

Seasonal Analysis for Season #3: 4/16 to 8/14 - Station CODA0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/02/80	36	14.15	14.472	26.6	6.3	26.06	5.105	8.78	10.1	17.75	22.83
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/71-06/02/80	27	357.	423.148	1170.	42.	112149.593	334.887	63.8	123.	698.	1004.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/22/61-09/14/78	27	5.	5.296	15.	0.	15.37	3.921	1.	2.	8.	10.6
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-06/02/80	28	23.5	28.821	78.	5.	433.263	20.815	5.	10.75	41.5	60.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/02/80	36	157.	158.972	221.	84.	1200.771	34.652	117.9	128.75	191.5	205.1
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/02/80	30	9.5	9.757	12.3	6.9	1.636	1.279	7.9	9.075	10.725	12.02
00400	PH (STANDARD UNITS)	07/27/60-06/02/80	29	7.8	7.869	8.8	7.3	0.122	0.349	7.4	7.7	8.	8.3
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/02/80	29	7.8	7.764	8.8	7.3	0.133	0.365	7.4	7.7	8.	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/02/80	29	0.016	0.017	0.05	0.002	0.	0.011	0.005	0.01	0.02	0.04
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/60-09/26/72	15	2.2	2.153	5.1	0.2	1.324	1.151	0.56	1.7	2.4	4.08
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/27/60-09/26/72	16	74.5	71.813	89.	48.	194.163	13.934	50.8	59.5	85.5	89.
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/26/72	16	91.	87.563	109.	59.	291.196	17.064	61.8	72.5	104.5	108.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/12/71-06/02/80	22	0.05	0.059	0.16	0.005	0.002	0.04	0.013	0.038	0.073	0.127
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-09/26/72	17	0.05	0.059	0.14	0.02	0.001	0.029	0.02	0.045	0.07	0.1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/12/71-06/02/80	22	0.06	0.075	0.15	0.03	0.001	0.033	0.03	0.06	0.09	0.12
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/71-06/02/80	22	0.06	0.056	0.091	0.03	0.	0.017	0.04	0.04	0.063	0.087
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/71-06/02/80	22	0.02	0.025	0.05	0.01	0.	0.011	0.01	0.02	0.03	0.04
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/26/72	16	75.	71.813	90.	46.	231.896	15.228	48.1	57.75	87.25	89.3
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/26/72	16	0.	1.125	9.	0.	5.583	2.363	0.	0.	1.	5.5
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/26/72	16	22.	20.813	26.	13.	20.429	4.52	13.7	16.5	25.	26.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/26/72	16	4.95	4.844	6.6	3.2	1.064	1.031	3.27	4.1	5.7	6.11
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/26/72	16	6.	5.812	6.6	4.5	0.513	0.716	4.78	5.2	6.5	6.6
00931	SODIUM ADSORPTION RATIO	07/27/60-09/26/72	16	0.3	0.3	0.3	0.3	0.	0.	0.3	0.3	0.3	0.3
00932	SODIUM, PERCENT	07/27/60-09/26/72	16	14.	14.813	19.	13.	2.696	1.642	13.	14.	16.	17.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/26/72	16	1.4	1.356	1.8	0.9	0.049	0.222	0.97	1.225	1.475	1.66
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/26/72	16	0.6	0.663	2.	0.	0.247	0.496	0.	0.425	0.9	1.3

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

Seasonal Analysis for Season #3: 4/16 to 8/14 - Station CODA0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/26/72	16	12.5	11.625	15.	7.	7.05	2.655	7.	9.25	14.	14.3
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-09/27/66	7	0.3	0.343	0.4	0.3	0.003	0.053	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-09/27/66	7	21.	20.857	23.	19.	2.476	1.574	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/30/60-09/23/76	21	0.	2.143	20.	0.	26.429	5.141	0.	0.	0.	10.
01040	COPPER, DISSOLVED (UG/L AS CU)	09/30/60-09/23/76	21	2.	16.571	210.	1.	2103.157	45.86	1.	1.	5.5	40.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/22/61-09/23/76	21	10.	15.	100.	0.	580.	24.083	0.	0.	20.	48.
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/27/60-09/27/66	8	261.5	2152.	11000.	36.	15168641.429	3894.694	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	07/27/60-09/27/66	8	2.301	2.543	4.041	1.556	0.901	0.949	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			349.365								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-09/27/66	7	120.	118.286	130.	98.	129.238	11.368	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/27/60-09/27/66	7	117.	113.429	128.	87.	213.619	14.616	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/27/60-09/27/66	7	0.16	0.161	0.18	0.13	0.	0.018	**	**	**	**

** - Less than 9 observations ## - Computed 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: CODA0107

NPS Station ID: CODA0107
LAT/LON: 48.086115/-118.720838
Agency: 10EPACOP
Date Created: 02/13/82
Location: UPPER JACK CREEK
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 208COL-046 /SITE #46
RMI-Indexes: 1310001 006230 00150
Within Park Boundary: No
RMI-Miles: 0616.00 0011.30 003.30
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020004074
RF1 Mile Point: 1.960
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: CODA0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/80-08/11/81	3	7.	9.433	15.3	6.	26.063	5.105	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/22/81-08/11/81	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/15/80-08/11/81	3	2.9	4.667	8.9	2.2	13.563	3.683	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/80-08/11/81	3	185.	165.333	185.	126.	1160.333	34.064	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/80-08/11/81	3	8.7	9.4	11.1	8.4	2.19	1.48	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/22/81-08/11/81	2	8.	8.	8.1	7.9	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/22/81-08/11/81	2	7.989	7.989	8.1	7.9	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/22/81-08/11/81	2	0.01	0.01	0.013	0.008	0.	0.003	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/15/80-08/11/81	3	116.	103.	118.	75.	589.	24.269	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/15/80-08/11/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/80-08/11/81	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/15/80-08/11/81	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/15/80-08/11/81	3 ##	0.01	0.017	0.03	0.01	0.	0.012	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/80-08/11/81	3	0.12	0.133	0.18	0.1	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/80-08/11/81	3	0.095	0.104	0.155	0.062	0.002	0.047	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	10/15/80-08/11/81	3 ##	0.05	0.09	0.17	0.05	0.005	0.069	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/15/80-08/11/81	3	19.	17.	20.	12.	19.	4.359	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/15/80-08/11/81	3	7.	6.367	7.8	4.3	3.363	1.834	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/15/80-08/11/81	3	6.7	6.4	8.5	4.	5.13	2.265	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/15/80-08/11/81	3	2.	2.133	3.1	1.3	0.823	0.907	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/15/80-08/11/81	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/15/80-08/11/81	3	4.	3.667	4.	3.	0.333	0.577	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/15/80-04/22/81	2 ##	2.	2.	2.5	1.5	0.5	0.707	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	10/15/80-04/22/81	2 ##	137.5	137.5	225.	50.	15312.5	123.744	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/15/80-08/11/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/15/80-04/22/81	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/15/80-04/22/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/15/80-04/22/81	2	762.5	762.5	910.	615.	43512.5	208.597	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/15/80-04/22/81	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/15/80-08/11/81	3	10.5	15.133	30.9	4.	197.003	14.036	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/15/80-04/22/81	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/11/81-08/11/81	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/15/80-08/11/81	3 ##	8.5	10.333	20.	2.5	79.083	8.893	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/15/80-08/11/81	3	112.	112.	117.	107.	25.	5.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/15/80-08/11/81	3	0.063	0.089	0.155	0.049	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: CODA0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00				2	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	3	0	0.00	1	0	0.00				2	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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	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			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (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	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00				2	0	0.00			
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			
01092	ZINC, TOTAL	Fresh Acute	120.	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: CODA0108

NPS Station ID: CODA0108
LAT/LON: 48.105559/-118.702504
Agency: 112WRD
Date Created: / /
Location: BRUSH CREEK NR. KELLER
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12434520
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020004006
RF1 Mile Point: 1.970
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: CODA0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/15/72-02/13/73	13	6.3	7.569	15.6	2.	21.482	4.635	2.08	3.	12.35	14.56
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/15/72-02/13/73	14	0.95	2.25	8.	0.2	6.106	2.471	0.25	0.375	3.5	7.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/15/72-02/13/73	11	2.	2.273	7.	0.	4.218	2.054	0.	1.	4.	6.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/72-02/13/73	13	163.	168.615	222.	112.	1435.256	37.885	112.4	141.	206.	221.6
00400	PH (STANDARD UNITS)	12/20/72-12/20/72	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/72-12/20/72	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/72-12/20/72	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	12/20/72-12/20/72	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/24/72-12/20/72	4	84.5	80.75	102.	52.	556.917	23.599	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/24/72-12/20/72	4	103.5	98.5	124.	63.	835.	28.896	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/72-12/20/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/24/72-12/20/72	3	0.2	0.22	0.44	0.02	0.044	0.211	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/24/72-12/20/72	4	0.04	0.085	0.23	0.03	0.009	0.097	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/20/72	4	0.003	0.004	0.01	0.	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/24/72-12/20/72	4	0.11	0.093	0.14	0.01	0.003	0.059	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/24/72-12/20/72	3	0.25	0.323	0.67	0.05	0.1	0.316	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/16/72-12/20/72	3	0.11	0.107	0.15	0.06	0.002	0.045	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/72-12/20/72	4	0.056	0.053	0.07	0.03	0.	0.017	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/16/72-12/20/72	3	0.037	0.036	0.05	0.02	0.	0.015	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/24/72-12/20/72	4	77.5	74.5	96.	47.	616.333	24.826	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/24/72-12/20/72	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/72-12/20/72	4	22.5	21.5	28.	13.	59.	7.681	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/72-12/20/72	4	5.15	5.05	6.4	3.5	1.897	1.377	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/72-12/20/72	4	5.7	5.6	6.1	4.9	0.313	0.56	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/24/72-12/20/72	4	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/24/72-12/20/72	4	14.	14.5	18.	12.	9.	3.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/72-12/20/72	4	1.55	1.525	1.7	1.3	0.029	0.171	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/24/72-12/20/72	4	0.9	1.05	2.	0.4	0.463	0.681	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/24/72-12/20/72	4	8.5	8.75	12.	6.	7.583	2.754	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/16/72-09/13/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/16/72-09/13/72	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/16/72-09/13/72	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/16/72-09/13/72	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/19/72-04/19/72	1	8.	8.	8.	8.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/19/72-04/19/72	1	0.903	0.903	0.903	0.903	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/72-12/20/72	3	31.	34.	60.	11.	607.	24.637	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/72-12/20/72	3	1.491	1.437	1.778	1.041	0.138	0.371	**	**	**	**

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

Parameter Inventory for Station: CODA0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			27.351								
71900	MERCURY, TOTAL (UG/L AS HG)	06/16/72-09/13/72	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/15/72-02/13/73	12	3.	8.667	45.	1.	188.788	13.74	1.3	2.	5.75	40.2
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/15/72-02/13/73	12	0.005	0.118	0.91	0.	0.076	0.276	0.	0.	0.038	0.763

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: CODA0108

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	2	0	0.00	4	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									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	3	0	0.00	2	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: CODA0109

NPS Station ID: CODA0109
LAT/LON: 48.107781/-118.697504
Agency: 112WRD
Date Created: / /
Location: SANPOIL RIVER NEAR KELLER, WASH.
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12434500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020004006
RF1 Mile Point: 2.120
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/72-02/13/73	5	3.	3.36	8.2	0.	12.248	3.5	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/17/72-02/13/73	5	67.	65.6	99.	45.	465.8	21.582	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/17/72-02/13/73	5	2.	1.8	3.	1.	0.7	0.837	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/72-02/13/73	5	200.	197.4	220.	180.	248.8	15.773	**	**	**	**
00400	PH (STANDARD UNITS)	12/20/72-12/20/72	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/20/72-12/20/72	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/20/72-12/20/72	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	12/20/72-12/20/72	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/20/72-12/20/72	1	82.	82.	82.	82.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/20/72-12/20/72	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/20/72-12/20/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/20/72-12/20/72	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/20/72-12/20/72	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/20/72-12/20/72	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/20/72-12/20/72	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/72-12/20/72	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/20/72-12/20/72	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/20/72-12/20/72	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/72-12/20/72	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/72-12/20/72	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/20/72-12/20/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/20/72-12/20/72	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/20/72-12/20/72	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/20/72-12/20/72	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	12/20/72-12/20/72	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	12/20/72-12/20/72	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/20/72-12/20/72	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/72-12/20/72	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/20/72-12/20/72	1	16.	16.	16.	16.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/20/72-12/20/72	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/20/72-12/20/72	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.								
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/20/72-12/20/72	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/20/72-12/20/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/17/72-02/13/73	5	5.	4.4	6.	1.	4.3	2.074	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/17/72-02/13/73	5	0.9	0.844	1.6	0.13	0.319	0.565	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	0	0.00	4	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									
00613	NITRITE NITROGEN, DISSOLVED 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									
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									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	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									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: CODA0110

NPS Station ID: CODA0110
LAT/LON: 48.115003/-118.686115
Agency: 10EPACOP
Date Created: 02/13/82
Location: SANPOIL RIVER NEAR MOUTH
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 208COL-037 /SITE #37
RMI-Indexes: 1310001 006230
Within Park Boundary: No
RMI-Miles: 0616.00 0014.10
HUC: 17020004
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020004
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0110

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/80-08/11/81	3	13.	14.	20.	9.	31.	5.568	**	**	**	**
00065	STAGE, STREAM (FEET)	10/01/80-08/11/81	2	3.465	3.465	3.51	3.42	0.004	0.064	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/01/80-08/11/81	3	2.2	3.667	7.4	1.4	10.613	3.258	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/01/80-08/11/81	3	202.	178.667	208.	126.	2089.333	45.709	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/01/80-08/11/81	3	10.	9.567	10.2	8.5	0.863	0.929	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/01/80-08/11/81	3	7.7	7.633	7.8	7.4	0.043	0.208	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/01/80-08/11/81	3	7.7	7.599	7.8	7.4	0.045	0.212	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/80-08/11/81	3	0.02	0.025	0.04	0.016	0.	0.013	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/01/80-08/11/81	3	110.	96.333	112.	67.	646.333	25.423	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/01/80-08/11/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/01/80-08/11/81	3	0.01	0.008	0.01	0.005	0.	0.003	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/01/80-08/11/81	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/80-08/11/81	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/01/80-08/11/81	3	0.13	0.133	0.15	0.12	0.	0.015	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/01/80-08/11/81	3	0.03	0.034	0.053	0.02	0.	0.017	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	10/01/80-08/11/81	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/01/80-08/11/81	3	25.5	22.167	26.1	14.9	39.693	6.3	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/01/80-08/11/81	3	4.9	4.833	6.1	3.5	1.693	1.301	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/01/80-08/11/81	3	8.3	8.467	12.1	5.	12.623	3.553	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/01/80-08/11/81	3	1.5	1.367	1.7	0.9	0.173	0.416	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/80-08/11/81	3	1.	0.967	1.	0.9	0.003	0.058	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/80-08/11/81	3	12.	11.667	15.	8.	12.333	3.512	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/01/80-04/22/81	2 ##	2.	2.	2.5	1.5	0.5	0.707	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	10/01/80-04/22/81	2 ##	147.5	147.5	260.	35.	25312.5	159.099	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/01/80-08/11/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/01/80-04/22/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/01/80-04/22/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/01/80-04/22/81	2	199.5	199.5	335.	64.	36720.5	191.626	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/01/80-04/22/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/80-08/11/81	3	6.	9.667	18.5	4.5	59.083	7.687	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/01/80-04/22/81	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/11/81-08/11/81	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/01/80-08/11/81	3 ##	5.	4.167	5.	2.5	2.083	1.443	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/01/80-08/11/81	3	103.	106.333	138.	78.	908.333	30.139	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/01/80-08/11/81	3	0.027	0.024	0.027	0.017	0.	0.006	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0110

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00				2	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	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			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (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	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00				2	0	0.00			
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			
01092	ZINC, TOTAL	Fresh Acute	120.	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: CODA0111

NPS Station ID: CODA0111 LAT/LON: 48.125032/-118.166671 Agency: 10EPACOP Date Created: 10/22/88
Location: HUNTERS CREEK AT HUNTERS FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 05Z030
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17020001 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020001046 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/86-08/26/86	2	13.75	13.75	15.5	12.	6.125	2.475	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/13/86-08/26/86	2	6.15	6.15	12.	0.3	68.445	8.273	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/86-08/26/86	2	358.5	358.5	440.	277.	13284.5	115.258	**	**	**	**
00400	PH (STANDARD UNITS)	05/13/86-08/26/86	2	7.85	7.85	8.1	7.6	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/13/86-08/26/86	2	7.782	7.782	8.1	7.6	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/13/86-08/26/86	2	0.017	0.017	0.025	0.008	0.	0.012	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/86-08/26/86	2	7.5	7.5	11.	4.	24.5	4.95	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/86-08/26/86	2	175.	175.	210.	140.	2450.	49.497	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/13/86-08/26/86	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/13/86-08/26/86	2	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/13/86-08/26/86	2	3.	3.	3.	3.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/13/86-08/26/86	2 ##	0.375	0.375	0.5	0.25	0.031	0.177	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/13/86-08/26/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/13/86-08/26/86	2 ##	4.25	4.25	8.	0.5	28.125	5.303	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/13/86-08/26/86	2 ##	0.375	0.375	0.5	0.25	0.031	0.177	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/13/86-08/26/86	2 ##	1.125	1.125	2.	0.25	1.531	1.237	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/13/86-08/26/86	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0111

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a 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			
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			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	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: CODA0111

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	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			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	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			
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	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: CODA0112

NPS Station ID: CODA0112
LAT/LON: 48.130559/-118.231949
Agency: 10EPACOP
Date Created: 10/22/88
Location: LAKE ROOSEVELT AT HUNTERS R.M. 661.0
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /RESERV/TYPA/AMBNT/SOLIDS
STORET Station ID(s): 05A024
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001124
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
.4 MILE OFF LEFT BANK, OPPOSITE NEZ PERCE CREEK.

Parameter Inventory for Station: CODA0112

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: CODA0113

NPS Station ID: CODA0113
LAT/LON: 48.135559/-118.214448
Agency: 112WRD
Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR HUNTERS LB
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 480808118125200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	6.72	6.72	6.72	6.72	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	998.	998.	998.	998.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	107.	107.	107.	107.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	87.	87.	87.	87.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	376.	376.	376.	376.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	762.	762.	762.	762.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	1.55	1.55	1.55	1.55	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	3.76	3.76	3.76	3.76	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/10/92-10/10/92	1	1.37	1.37	1.37	1.37	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	2.22	2.22	2.22	2.22	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	1.58	1.58	1.58	1.58	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	1	94.	94.	94.	94.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: CODA0114

NPS Station ID: CODA0114
LAT/LON: 48.149726/-118.269726
Agency: 112WRD
Date Created: / /
Location: FALLS CREEK NEAR KEWA, WASH.
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12410715
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020001120
RF1 Mile Point: 1.020
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-02/12/73	13	5.8	6.685	15.1	0.	33.283	5.769	0.	0.65	12.85	14.58
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/13/72-02/12/73	15	2.	3.527	13.	0.2	17.364	4.167	0.26	0.6	5.	11.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/72-02/12/73	12	2.	4.5	24.	1.	42.091	6.488	1.	2.	3.	19.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/72-02/12/73	13	257.	258.	330.	161.	3291.5	57.372	168.6	208.5	313.5	330.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/72-12/12/72	4	128.5	119.25	157.	63.	2020.25	44.947	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/23/72-12/12/72	4	157.	145.75	192.	77.	3013.583	54.896	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/23/72-12/12/72	4	0.175	0.178	0.31	0.05	0.013	0.115	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/23/72-12/12/72	4	0.035	0.038	0.05	0.03	0.	0.01	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/12/72	4	0.003	0.004	0.01	0.	0.	0.005	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/12/72	4	0.23	0.223	0.25	0.18	0.001	0.031	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/72-12/12/72	4	0.22	0.215	0.34	0.08	0.014	0.117	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/72-12/12/72	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/23/72-12/12/72	4	0.04	0.037	0.04	0.026	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/12/72	3	0.03	0.031	0.04	0.024	0.	0.008	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/72-12/12/72	4	133.5	123.75	160.	68.	2005.583	44.784	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/23/72-12/12/72	4	6.	6.	8.	4.	3.333	1.826	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/72-12/12/72	4	35.5	32.75	43.	17.	160.25	12.659	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/72-12/12/72	4	11.05	10.6	14.	6.3	12.687	3.562	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/72-12/12/72	4	7.55	7.55	9.2	5.9	2.19	1.48	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/23/72-12/12/72	4	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/23/72-12/12/72	4	11.5	12.	15.	10.	4.667	2.16	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/72-12/12/72	4	1.6	1.65	2.	1.4	0.07	0.265	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/72-12/12/72	4	0.7	0.925	2.	0.3	0.549	0.741	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/72-12/12/72	4	24.	24.5	32.	18.	43.667	6.608	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/11/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/11/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/11/72	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/11/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/72-04/11/72	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/72-04/11/72	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.5								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	3	52.	64.667	140.	2.	4881.333	69.867	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	3	1.716	1.388	2.146	0.301	0.932	0.965	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			24.419								
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/12/72-12/12/72	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/12/72-12/12/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/11/72	2	0.35	0.35	0.7	0.	0.245	0.495	**	**	**	**

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

Parameter Inventory for Station: CODA0114

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)	03/13/72-02/12/73	11	6.	16.	90.	1.	688.4	26.237	1.2	2.	19.	78.4
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/72-02/12/73	11	0.01	0.39	3.2	0.	0.932	0.966	0.	0.	0.09	2.732

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

EPA Water Quality Criteria Analysis for Station: CODA0114

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	3	0	0.00	2	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	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: CODA0115

NPS Station ID: CODA0115
LAT/LON: 48.174171/-118.236948
Agency: 10EPACOP
Date Created: 02/06/82
Location: NEZ PERCE CREEK AT ROAD
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 208COL-026 /SITE #26
RMI-Indexes: 1310001 006790
Within Park Boundary: No
RMI-Miles: 0661.00 0001.50
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001117
RF1 Mile Point: 2.450
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/80-10/10/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/10/80-10/10/80	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/10/80-10/10/80	1	207.	207.	207.	207.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/10/80-10/10/80	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/10/80-10/10/80	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/80-10/10/80	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/80-10/10/80	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/10/80-10/10/80	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/10/80-10/10/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/10/80-10/10/80	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/10/80-10/10/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/10/80-10/10/80	1	0.72	0.72	0.72	0.72	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/10/80-10/10/80	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/10/80-10/10/80	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	10/10/80-10/10/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/10/80-10/10/80	1	22.8	22.8	22.8	22.8	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/10/80-10/10/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/10/80-10/10/80	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/10/80-10/10/80	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/10/80-10/10/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/10/80-10/10/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/10/80-10/10/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	10/10/80-10/10/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/10/80-10/10/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/10/80-10/10/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/10/80-10/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/10/80-10/10/80	1	56.	56.	56.	56.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/10/80-10/10/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/10/80-10/10/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/10/80-10/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/10/80-10/10/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/10/80-10/10/80	1	118.	118.	118.	118.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/10/80-10/10/80	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0115

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	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									
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									
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									
01092	ZINC, TOTAL	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: CODA0116

NPS Station ID: CODA0116
LAT/LON: 48.174171/-118.246116
Agency: 112WRD
Date Created: / /
Location: NEZ PERCE CREEK NEAR KEWA, WASH.
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12410710
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020001117
RF1 Mile Point: 2.450
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/13/72-02/12/73	14	6.3	7.464	14.	1.	17.696	4.207	1.15	4.975	12.05	13.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/13/72-02/12/73	15	5.	9.	31.	3.	72.	8.485	3.	4.	14.	25.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/13/72-02/12/73	12	2.	10.083	86.	1.	577.72	24.036	1.3	2.	5.25	63.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/72-02/12/73	13	204.	195.462	220.	135.	549.603	23.444	145.	190.5	208.	216.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/72-12/12/72	4	85.	77.5	87.	53.	268.333	16.381	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/23/72-12/12/72	4	104.	94.75	106.	65.	394.917	19.873	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/12/72-12/12/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/23/72-12/12/72	3	0.2	0.303	0.51	0.2	0.032	0.179	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/23/72-12/12/72	3	0.08	0.073	0.09	0.05	0.	0.021	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/12/72	4	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/12/72	4	0.815	0.745	0.95	0.4	0.057	0.239	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/72-12/12/72	4	0.285	0.32	0.56	0.15	0.03	0.172	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/12/72-12/12/72	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/23/72-12/12/72	4	0.017	0.026	0.06	0.01	0.001	0.023	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/12/72	3	0.01	0.01	0.011	0.01	0.	0.001	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/72-12/12/72	4	91.5	83.5	94.	57.	315.	17.748	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/23/72-12/12/72	4	6.5	6.	7.	4.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/72-12/12/72	4	25.5	23.25	26.	16.	23.583	4.856	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/72-12/12/72	4	6.8	6.225	7.1	4.2	1.849	1.36	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/72-12/12/72	4	6.15	5.925	6.5	4.9	0.536	0.732	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/23/72-12/12/72	4	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/23/72-12/12/72	4	13.	13.25	15.	12.	1.583	1.258	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/72-12/12/72	4	1.6	1.6	1.8	1.4	0.033	0.183	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/72-12/12/72	4	0.85	1.	2.	0.3	0.527	0.726	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/72-12/12/72	4	19.	17.5	20.	12.	13.667	3.697	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/11/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/11/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/11/72	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/11/72	2	10.	10.	20.	0.	200.	14.142	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/72-04/11/72	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/72-04/11/72	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	3	4.	20.333	53.	4.	800.333	28.29	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/12/72	3	0.602	0.976	1.724	0.602	0.42	0.648	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.465								
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/12/72-12/12/72	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/12/72-12/12/72	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/11/72	2	0.35	0.35	0.7	0.	0.245	0.495	**	**	**	**

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

Parameter Inventory for Station: CODA0116

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)	03/13/72-02/12/73	12	2.	34.25	320.	1.	8223.841	90.685	1.	2.	21.75	234.8
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/13/72-02/12/73	12	0.025	2.451	27.	0.01	59.996	7.746	0.01	0.02	0.293	19.41

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

EPA Water Quality Criteria Analysis for Station: CODA0116

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	1	0.08	6	0	0.00	3	1	0.33	3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	3	0	0.00	2	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	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: CODA0117

NPS Station ID: CODA0117 LAT/LON: 48.204448/-118.216115 Agency: 10EPACOP Date Created: 02/13/82
Location: STRANGER CREEK AT GAUGE STATION NEAR MOUTH FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 208COL-045 /SITE #45
RMI-Indexes: 1310001 006890 Within Park Boundary: No
RMI-Miles: 0676.30 0002.00
HUC: 17020001 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020001020 RF1 Mile Point: 9.290 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: CODA0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/08/80-08/14/81	3	17.	14.	19.	6.	49.	7.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/30/81-08/14/81	2	17.	17.	25.	9.	128.	11.314	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/08/80-08/14/81	3	4.8	6.233	13.	0.9	38.143	6.176	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/08/80-08/14/81	3	189.	194.	245.	148.	2371.	48.693	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/08/80-08/14/81	3	8.6	8.667	9.8	7.6	1.213	1.102	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/08/80-08/14/81	3	8.	7.633	8.	6.9	0.403	0.635	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/08/80-08/14/81	3	8.	7.313	8.	6.9	0.557	0.746	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/08/80-08/14/81	3	0.01	0.049	0.126	0.01	0.004	0.067	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/08/80-08/14/81	3	110.	111.667	143.	82.	932.333	30.534	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/08/80-08/14/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/80-08/14/81	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/08/80-08/14/81	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/08/80-08/14/81	3	0.02	0.023	0.04	0.01	0.	0.015	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/08/80-08/14/81	3	0.21	0.2	0.24	0.15	0.002	0.046	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/80-08/14/81	3	0.02	0.03	0.055	0.015	0.	0.022	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	10/08/80-08/14/81	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/08/80-08/14/81	3	24.9	25.567	33.5	18.3	58.093	7.622	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/08/80-08/14/81	3	5.5	5.667	7.7	3.8	3.823	1.955	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/08/80-08/14/81	3	5.1	5.533	6.5	5.	0.703	0.839	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/08/80-08/14/81	3	1.3	2.15	4.	1.15	2.573	1.604	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/08/80-08/14/81	3	0.7	0.733	0.8	0.7	0.003	0.058	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/08/80-08/14/81	3	7.	9.667	15.	7.	21.333	4.619	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/08/80-04/30/81	2 ##	2.	2.	2.5	1.5	0.5	0.707	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	10/08/80-04/30/81	2 ##	42.5	42.5	50.	35.	112.5	10.607	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/08/80-08/14/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/80-04/30/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/08/80-04/30/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/08/80-04/30/81	2	430.5	430.5	770.	91.	230520.5	480.126	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/08/80-04/30/81	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/08/80-08/14/81	3	30.	32.833	64.	4.5	891.083	29.851	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/08/80-04/30/81	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/14/81-08/14/81	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/08/80-08/14/81	3 ##	5.	4.167	5.	2.5	2.083	1.443	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/08/80-08/14/81	3	130.	126.667	141.	109.	264.333	16.258	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/08/80-08/14/81	3	0.007	0.006	0.008	0.003	0.	0.003	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0117

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00				2	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	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			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (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	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00				2	0	0.00			
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			
01092	ZINC, TOTAL	Fresh Acute	120.	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: CODA0118

NPS Station ID: CODA0118
LAT/LON: 48.292226/-118.188893
Agency: 112WRD
Date Created: / /
Location: STRANGER CREEK AT INCHELIUM
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12410500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020001115
RF1 Mile Point: 0.440
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0118

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/72-02/12/73	13	6.2	7.108	15.3	0.	35.172	5.931	0.	1.05	13.55	15.26
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/12/72-02/12/73	15	21.	28.267	103.	7.	776.924	27.873	8.8	10.	28.	91.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/72-02/12/73	11	5.	5.091	15.	2.	14.891	3.859	2.	2.	7.	13.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/72-02/12/73	13	214.	215.462	295.	130.	3101.769	55.694	130.4	175.5	267.	293.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/72-12/11/72	4	98.5	99.5	139.	62.	1049.667	32.399	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/23/72-12/11/72	4	120.	121.25	169.	76.	1539.583	39.238	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/11/72-12/11/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/11/72-12/11/72	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/23/72-12/11/72	4	0.07	0.063	0.08	0.03	0.	0.022	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-09/11/72	3	0.	0.003	0.01	0.	0.	0.006	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/11/72	4	0.12	0.128	0.24	0.03	0.01	0.099	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/72-12/11/72	4	0.345	0.32	0.54	0.05	0.041	0.203	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/11/72-12/11/72	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/23/72-12/11/72	4	0.025	0.027	0.04	0.017	0.	0.01	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/11/72	3	0.01	0.013	0.02	0.008	0.	0.006	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/72-12/11/72	4	101.	100.	140.	58.	1362.667	36.914	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/23/72-12/11/72	4	0.5	3.5	13.	0.	40.333	6.351	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/72-12/11/72	4	29.5	29.25	41.	17.	116.25	10.782	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/72-12/11/72	4	6.8	6.6	9.1	3.7	6.22	2.494	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/72-12/11/72	4	6.2	6.425	8.1	5.2	1.896	1.377	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/23/72-12/11/72	4	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/23/72-12/11/72	4	11.5	12.5	16.	11.	5.667	2.38	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/72-12/11/72	4	1.5	1.525	2.	1.1	0.196	0.443	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/72-12/11/72	4	0.8	1.	2.	0.4	0.507	0.712	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/72-12/11/72	4	16.	15.75	25.	6.	70.917	8.421	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/11/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/11/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/11/72	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/11/72	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/72-04/11/72	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/72-04/11/72	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.5								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/11/72	3	60.	121.667	300.	5.	24608.333	156.87	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/11/72	3	1.778	1.651	2.477	0.699	0.803	0.896	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			44.814								
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/11/72-12/11/72	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/11/72	2	0.1	0.1	0.2	0.	0.02	0.141	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/12/72-02/12/73	11	8.	12.182	28.	2.	70.564	8.4	2.4	6.	18.	27.

** - Less than 9 observations ## - 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: CODA0118

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/12/72-02/12/73	11	0.48	0.597	1.6	0.06	0.289	0.537	0.07	0.19	1.1	1.56

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

EPA Water Quality Criteria Analysis for Station: CODA0118

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
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			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	3	1	0.33	2	1	0.50				1	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	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: CODA0119

NPS Station ID: CODA0119
LAT/LON: 48.298615/-118.198616
Agency: 10EPADWS
Date Created: 05/16/81
Location: INCHELIUM,WA/BIA YELLOW HOUSE
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /RESERV/TYPA/MUN/INTAKE/AMBNT
STORET Station ID(s): 05A002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001104
RF1 Mile Point: 0.540
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34475	TETRACHLOROETHYLENE TOTWUG/L	02/27/80-02/27/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	02/27/80-02/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	02/27/80-02/27/80	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: CODA0119

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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						
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00				1	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						

& - 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: CODA0120

NPS Station ID: CODA0120 LAT/LON: 48.298615/-118.198616 Agency: 10EPADWS Date Created: 05/16/81
Location: INCHELIUM,WA CHRIS HARPER-MIDDLE TRAILER FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /RESERV/TYPA/MUN/INTAKE/AMBNT STORET Station ID(s): 05A003
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17020001 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020001104 RF1 Mile Point: 0.540 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34475	TETRACHLOROETHYLENE TOTWUG/L	02/27/80-02/27/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	02/27/80-02/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	02/27/80-02/27/80	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: CODA0120

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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						
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00				1	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						

& - 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: CODA0121

NPS Station ID: CODA0121
LAT/LON: 48.298615/-118.198616
Agency: 10EPADWS
Date Created: 05/16/81
Location: INCHELIUM,WA END TRAILER
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /RESERV/TYPA/MUN/INTAKE/AMBNT
STORET Station ID(s): 05A004
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001104
RF1 Mile Point: 0.540
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34475	TETRACHLOROETHYLENE TOTWUG/L	02/27/80-02/27/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	02/27/80-02/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	02/27/80-02/27/80	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: CODA0121

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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						
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00				1	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						

& - 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: CODA0122

NPS Station ID: CODA0122
LAT/LON: 48.304170/-118.198337
Agency: 112WRD
Date Created: 01/09/93
Location: HALL CREEK NEAR INCHELIUM MS
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 481815118115400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	1.21	1.21	1.21	1.21	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	5.53	5.53	5.53	5.53	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	968.	968.	968.	968.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	73.7	73.7	73.7	73.7	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	30.	30.	30.	30.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	27.7	27.7	27.7	27.7	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	136.	136.	136.	136.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	3.19	3.19	3.19	3.19	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	510.	510.	510.	510.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/10/92-10/10/92	1	8.01	8.01	8.01	8.01	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	2.52	2.52	2.52	2.52	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	1.38	1.38	1.38	1.38	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	1	73.	73.	73.	73.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0123

NPS Station ID: CODA0123
LAT/LON: 48.305559/-118.207781
Agency: 10EPACOP
Date Created: 04/17/82
Location: HALL CREEK AT ROAD NEAR MOUTH
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 208COL-109
RMI-Indexes: 1310001 006910
Within Park Boundary: No
RMI-Miles: 0677.50 0002.40
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001104
RF1 Mile Point: 0.690
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: CODA0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/79-10/04/79	1	295.	295.	295.	295.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/79-10/04/79	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/79-10/04/79	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/79-10/04/79	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/04/79-10/04/79	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/04/79-10/04/79	1	171.	171.	171.	171.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/04/79-10/04/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/79-10/04/79	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/04/79-10/04/79	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/79-10/04/79	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/04/79-10/04/79	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/79-10/04/79	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/04/79-10/04/79	1	41.3	41.3	41.3	41.3	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/04/79-10/04/79	1	10.6	10.6	10.6	10.6	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/04/79-10/04/79	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/04/79-10/04/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/79-10/04/79	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/79-10/04/79	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/04/79-10/04/79	1	23.8	23.8	23.8	23.8	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/04/79-10/04/79	1	181.	181.	181.	181.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/04/79-10/04/79	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0123

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	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									
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: CODA0124

NPS Station ID: CODA0124
LAT/LON: 48.309448/-118.185005
Agency: 112WRD
Date Created: 01/09/93
Location: HALL CREEK NEAR INCHELIUM LB
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 481834118110600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	1.62	1.62	1.62	1.62	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	8.02	8.02	8.02	8.02	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	898.	898.	898.	898.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	70.7	70.7	70.7	70.7	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	30.	30.	30.	30.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	50.	50.	50.	50.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	146.	146.	146.	146.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	700.	700.	700.	700.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/10/92-10/10/92	1	0.68	0.68	0.68	0.68	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	3.06	3.06	3.06	3.06	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	1.68	1.68	1.68	1.68	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	1	65.	65.	65.	65.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0125

NPS Station ID: CODA0125
LAT/LON: 48.309726/-118.161115
Agency: 10EPACOP
Date Created: 10/22/88
Location: LAKE ROOSEVELT AT GIFFORD R.M. 676.4
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /RESERV/TYPA/AMBNT/SOLIDS
STORET Station ID(s): 05A022
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001056
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
.6 MILE OFF LEFT BANK, OPPOSITE HALL CREEK.

Parameter Inventory for Station: CODA0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/86-09/23/86	1	15.8	15.8	15.8	15.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/23/86-09/23/86	2	117.5	117.5	119.	116.	4.5	2.121	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/23/86-09/23/86	2	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/86-09/23/86	2	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/86-09/23/86	2	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/86-09/23/86	2	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/23/86-09/23/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/23/86-09/23/86	2	69.	69.	71.	67.	8.	2.828	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/23/86-09/23/86	2 ##	2.25	2.25	4.	0.5	6.125	2.475	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/23/86-09/23/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/86-09/23/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/23/86-09/23/86	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/23/86-09/23/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/23/86-09/23/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/23/86-09/23/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/23/86-09/23/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/23/86-09/23/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/23/86-09/23/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/23/86-09/23/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/23/86-09/23/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/23/86-09/23/86	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0125

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	0	0.00	2	0	0.00									
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									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	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

EPA Water Quality Criteria Analysis for Station: CODA0125

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a 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									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	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									
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - 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: CODA0126

NPS Station ID: CODA0126 LAT/LON: 48.310004/-118.161115 Agency: 10EPACOP Date Created: 10/22/88
Location: LAKE ROOSEVELT NEAR GIFFORD,MOUTH LITTLE JIM CR FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /RESERV/TYPA/AMBNT/FISH/TISSUE STORET Station ID(s): 05A023
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17020001 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020001056 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00019	SAMPLE WEIGHT IN GRAMS	09/23/86-09/23/86	9	1001.	957.667	1451.	464.	167468.75	409.229	464.	480.	1381.	1451.
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/23/86-09/23/86	9	0.1	0.12	0.3	0.01	0.012	0.108	0.01	0.03	0.21	0.3
01360	SAMPLE LENGTH CM	09/23/86-09/23/86	9	43.8	41.022	47.	29.5	35.694	5.974	29.5	35.65	45.45	47.
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/23/86-09/23/86	9	0.16	0.207	0.4	0.09	0.012	0.108	0.09	0.125	0.3	0.4
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/23/86-09/23/86	9	0.11	0.9	2.33	0.02	1.051	1.025	0.02	0.03	1.98	2.33
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/23/86-09/23/86	9	0.7	0.861	1.86	0.09	0.425	0.652	0.09	0.29	1.53	1.86
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/23/86-09/23/86	9	9.4	16.556	42.	3.5	217.668	14.754	3.5	3.8	30.15	42.
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/23/86-09/23/86	9	0.08	0.181	0.43	0.005	0.037	0.192	0.005	0.008	0.38	0.43

** - Less than 9 observations ## - 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: CODA0127

NPS Station ID: CODA0127
LAT/LON: 48.311392/-118.210837
Agency: 112WRD
Date Created: / /
Location: HALL CREEK AT INCHELIUM, WASH.
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12409500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020001104
RF1 Mile Point: 1.080
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: CODA0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/72-02/12/73	17	5.	7.171	20.9	0.	31.918	5.65	0.	3.2	10.1	15.86
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/12/72-02/12/73	19	54.	121.895	417.	15.	15988.433	126.445	17.	22.	212.	338.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/72-02/12/73	15	4.	7.467	36.	1.	81.552	9.031	1.	1.	10.	22.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/72-02/12/73	15	220.	186.733	262.	74.	5219.638	72.247	86.6	98.	256.	261.4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/72-12/11/72	4	90.	91.5	143.	43.	2683.667	51.804	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/23/72-12/11/72	4	109.5	111.25	174.	52.	3988.917	63.158	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/11/72-12/11/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/11/72-12/11/72	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/23/72-12/11/72	4	0.035	0.045	0.1	0.01	0.002	0.039	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/11/72	4	0.003	0.004	0.01	0.	0.	0.005	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/11/72	4	0.095	0.087	0.13	0.03	0.003	0.051	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/72-12/11/72	4	0.195	0.198	0.34	0.06	0.018	0.134	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/11/72-12/11/72	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/23/72-12/11/72	4	0.021	0.026	0.05	0.01	0.	0.019	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/11/72	3	0.01	0.013	0.02	0.009	0.	0.006	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/72-12/11/72	4	90.5	90.5	140.	41.	2673.667	51.708	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/23/72-12/11/72	4	1.	0.75	1.	0.	0.25	0.5	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/72-12/11/72	4	26.5	26.5	41.	12.	228.333	15.111	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/72-12/11/72	4	5.95	6.175	10.	2.8	13.043	3.611	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/72-12/11/72	4	4.7	4.525	5.7	3.	1.683	1.297	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/23/72-12/11/72	4	0.2	0.225	0.3	0.2	0.002	0.05	**	**	**	**
00932	SODIUM, PERCENT	03/23/72-12/11/72	4	9.5	10.75	16.	8.	14.25	3.775	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/72-12/11/72	4	1.2	1.175	1.4	0.9	0.042	0.206	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/72-12/11/72	4	0.55	0.6	1.	0.3	0.1	0.316	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/72-12/11/72	4	10.5	10.75	16.	6.	20.917	4.573	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/11/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/11/72	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/11/72	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/11/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/72-04/11/72	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/72-04/11/72	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.5								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/11/72	3	16.	17.	25.	10.	57.	7.55	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/11/72	3	1.204	1.201	1.398	1.	0.04	0.199	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.874								
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/11/72-12/11/72	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/11/72-12/11/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/11/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CODA0127

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)	03/12/72-02/12/73	15	14.	63.933	510.	2.	16364.495	127.924	3.2	4.	61.	270.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/12/72-02/12/73	15	1.5	49.231	466.	0.08	14517.236	120.487	0.14	0.33	36.	260.8

** - 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

EPA Water Quality Criteria Analysis for Station: CODA0127

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	15	0	0.00	6	0	0.00	4	0	0.00	5	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	3	0	0.00	2	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	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: CODA0128

NPS Station ID: CODA0128
LAT/LON: 48.316670/-118.250005
Agency: 10EPACOP
Date Created: 10/22/88
Location: HALL CREEK AT MOUTH
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 05Z027
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001104
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-08/27/86	2	12.9	12.9	17.4	8.4	40.5	6.364	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/14/86-08/27/86	2	83.	83.	157.	9.	10952.	104.652	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/14/86-08/27/86	2	189.5	189.5	281.	98.	16744.5	129.401	**	**	**	**
00400	PH (STANDARD UNITS)	05/14/86-08/27/86	2	7.35	7.35	7.6	7.1	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/14/86-08/27/86	2	7.282	7.282	7.6	7.1	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-08/27/86	2	0.052	0.052	0.079	0.025	0.001	0.038	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/14/86-08/27/86	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/14/86-08/27/86	2	92.	92.	140.	44.	4608.	67.882	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/86-08/27/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/14/86-08/27/86	2 ##	0.175	0.175	0.3	0.05	0.031	0.177	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/86-08/27/86	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/14/86-08/27/86	2 ##	0.375	0.375	0.5	0.25	0.031	0.177	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/14/86-08/27/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/14/86-08/27/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/14/86-08/27/86	2 ##	0.375	0.375	0.5	0.25	0.031	0.177	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/14/86-08/27/86	2	0.9	0.9	1.	0.8	0.02	0.141	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/14/86-08/27/86	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0128

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------8/15-1/31---------- Obs	Exceed	Prop.	----------2/01-4/15---------- Obs	Exceed	Prop.	----------4/16-8/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	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			
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			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	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: CODA0128

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	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			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	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			
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	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: CODA0129

NPS Station ID: CODA0129
LAT/LON: 48.316949/-118.158892
Agency: 112WRD
Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR GIFFORD LB
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 481901118093200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	19.	19.	19.	19.	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	1190.	1190.	1190.	1190.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	122.	122.	122.	122.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	114.	114.	114.	114.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	482.	482.	482.	482.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	938.	938.	938.	938.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	4.22	4.22	4.22	4.22	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/10/92-10/10/92	1	1.73	1.73	1.73	1.73	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	3.24	3.24	3.24	3.24	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	1	97.	97.	97.	97.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0130

NPS Station ID: CODA0130
LAT/LON: 48.316949/-118.166115
Agency: 112WRD
Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR GIFFORD MS
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 481901118095800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	8.92	8.92	8.92	8.92	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	14.	14.	14.	14.	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	1021.	1021.	1021.	1021.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	114.	114.	114.	114.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	111.	111.	111.	111.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	467.	467.	467.	467.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	1010.	1010.	1010.	1010.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	3.91	3.91	3.91	3.91	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	740.	740.	740.	740.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/10/92-10/10/92	1	2.01	2.01	2.01	2.01	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	1.51	1.51	1.51	1.51	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/10/92-10/10/92	1	42.	42.	42.	42.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/10/92-10/10/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/10/92-10/10/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/10/92-10/10/92	1	77.	77.	77.	77.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/10/92-10/10/92	1	93.	93.	93.	93.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/10/92-10/10/92	1	56.	56.	56.	56.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/10/92-10/10/92	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 time series plot

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

Station Inventory for Station: CODA0131

NPS Station ID: CODA0131
LAT/LON: 48.318059/-118.152781
Agency: 112WRD
Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR GIFFORD RB
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 481905118091000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	2.44	2.44	2.44	2.44	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	8.62	8.62	8.62	8.62	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	1046.	1046.	1046.	1046.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	78.7	78.7	78.7	78.7	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	40.	40.	40.	40.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	94.	94.	94.	94.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	219.	219.	219.	219.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	3.02	3.02	3.02	3.02	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	780.	780.	780.	780.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/10/92-10/10/92	1	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	2.93	2.93	2.93	2.93	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	1.98	1.98	1.98	1.98	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/10/92-10/10/92	1	200.	200.	200.	200.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	1	78.	78.	78.	78.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0132

NPS Station ID: CODA0132
LAT/LON: 48.345559/-118.261116
Agency: 10EPACOP
Date Created: 02/06/82
Location: HALL CREEK - ABOVE DAM
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 208COL-007 /SITE #7
RMI-Indexes: 1310001 006910
Within Park Boundary: No
RMI-Miles: 0677.50 0006.10
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001105
RF1 Mile Point: 0.100
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/08/80-08/14/81	3	8.6	11.433	18.3	7.4	35.723	5.977	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/08/80-08/14/81	3	10.	29.333	70.	8.	1241.333	35.233	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/08/80-08/14/81	3	1.6	2.467	4.6	1.2	3.453	1.858	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/08/80-08/14/81	3	215.	200.333	283.	103.	8261.333	90.892	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/08/80-08/14/81	3	10.3	9.133	10.6	6.5	5.223	2.285	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/08/80-08/14/81	3	7.5	7.533	7.9	7.2	0.123	0.351	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/08/80-08/14/81	3	7.5	7.446	7.9	7.2	0.135	0.367	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/08/80-08/14/81	3	0.032	0.036	0.063	0.013	0.001	0.026	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/08/80-08/14/81	3	120.	112.667	173.	45.	4136.333	64.314	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/08/80-08/14/81	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/08/80-08/14/81	3 ##	0.005	1.67	5.	0.005	8.317	2.884	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/08/80-08/14/81	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/08/80-08/14/81	3	0.06	10.027	30.	0.02	299.201	17.297	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/08/80-08/14/81	3	0.11	0.157	0.26	0.1	0.008	0.09	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/08/80-08/14/81	3	0.02	0.019	0.025	0.013	0.	0.006	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	10/08/80-08/14/81	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/08/80-08/14/81	3	28.3	27.1	41.	12.	211.33	14.537	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/08/80-08/14/81	3	7.	6.433	9.8	2.5	13.563	3.683	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/08/80-08/14/81	3	4.	3.867	4.6	3.	0.653	0.808	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/08/80-08/14/81	3	1.3	1.233	1.4	1.	0.043	0.208	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/08/80-08/14/81	3	0.6	0.6	0.8	0.4	0.04	0.2	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/08/80-08/14/81	3	7.	8.667	15.	4.	32.333	5.686	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/08/80-05/13/81	2 ##	2.	2.	2.5	1.5	0.5	0.707	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	10/08/80-05/13/81	2 ##	42.5	42.5	50.	35.	112.5	10.607	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/08/80-08/14/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/08/80-05/13/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/08/80-05/13/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/08/80-05/13/81	2	232.	232.	380.	84.	43808.	209.304	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/08/80-05/13/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/08/80-08/14/81	3	12.	13.467	18.4	10.	19.253	4.388	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	10/08/80-05/13/81	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/14/81-08/14/81	1	171.	171.	171.	171.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/08/80-08/14/81	3 ##	5.	4.167	5.	2.5	2.083	1.443	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/08/80-08/14/81	3	104.	112.	147.	85.	1009.	31.765	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/08/80-08/14/81	3	0.008	0.009	0.013	0.007	0.	0.003	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0132

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00				2	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	1	0	0.00				2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	1	0.33	1	0	0.00				2	1	0.50			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (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	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00				2	0	0.00			
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			
01092	ZINC, TOTAL	Fresh Acute	120.	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: CODA0133

NPS Station ID: CODA0133
LAT/LON: 48.367781/-118.195281
Agency: 112WRD
Date Created: / /
Location: LITTLE JIM CREEK NEAR DAISY, WASH.
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12409290
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020001018
RF1 Mile Point: 6.000
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: CODA0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/72-02/12/73	13	6.8	6.538	15.5	0.	24.733	4.973	0.36	1.5	10.8	13.94
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/12/72-02/12/73	14	0.4	0.716	2.	0.03	0.588	0.767	0.035	0.088	1.25	2.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/72-02/12/73	10	4.	5.3	14.	1.	14.456	3.802	1.2	3.	7.5	13.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/72-02/12/73	12	383.	385.917	510.	249.	6869.538	82.883	264.3	316.25	473.25	505.5
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/72-12/11/72	4	201.5	193.25	240.	130.	2811.583	53.024	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/23/72-12/11/72	4	245.5	235.5	293.	158.	4211.	64.892	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/11/72-12/11/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/11/72-12/11/72	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/23/72-12/11/72	4	0.065	0.078	0.15	0.03	0.003	0.053	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/11/72	4	0.01	0.008	0.01	0.	0.	0.005	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/11/72	4	0.11	0.103	0.14	0.05	0.002	0.041	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/72-12/11/72	4	0.285	0.285	0.41	0.16	0.018	0.133	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/11/72-12/11/72	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/23/72-12/11/72	4	0.062	0.059	0.08	0.03	0.	0.021	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/11/72	3	0.04	0.05	0.07	0.04	0.	0.017	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/72-12/11/72	4	215.5	210.25	260.	150.	2846.917	53.357	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/23/72-12/11/72	4	16.5	16.25	25.	7.	62.25	7.89	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/72-12/11/72	4	53.5	52.	61.	40.	96.667	9.832	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/72-12/11/72	4	19.	19.25	27.	12.	48.25	6.946	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/72-12/11/72	4	12.05	11.675	15.	7.6	15.116	3.888	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/23/72-12/11/72	4	0.35	0.35	0.4	0.3	0.003	0.058	**	**	**	**
00932	SODIUM, PERCENT	03/23/72-12/11/72	4	10.5	10.75	12.	10.	0.917	0.957	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/72-12/11/72	4	2.1	2.275	3.3	1.6	0.582	0.763	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/72-12/11/72	4	0.95	1.15	2.	0.7	0.337	0.58	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/72-12/11/72	4	38.5	41.5	56.	33.	108.333	10.408	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/11/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/11/72	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/11/72	2	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/11/72	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/72-04/11/72	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/72-04/11/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/11/72	3	39.	39.333	72.	7.	1056.333	32.501	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/11/72	3	1.591	1.431	1.857	0.845	0.275	0.525	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			26.988								
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/11/72-12/11/72	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/11/72-12/11/72	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/11/72	2	0.1	0.1	0.2	0.	0.02	0.141	**	**	**	**

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

Parameter Inventory for Station: CODA0133

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)	03/12/72-02/12/73	10	10.5	13.9	50.	4.	195.656	13.988	4.	4.	17.5	47.2
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/12/72-02/12/73	10	0.01	0.03	0.13	0.	0.002	0.041	0.	0.008	0.053	0.123

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

EPA Water Quality Criteria Analysis for Station: CODA0133

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	3	0	0.00	2	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	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: CODA0134

NPS Station ID: CODA0134 LAT/LON: 48.384170/-118.176949 Agency: 112WRD Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR CHEWEKA CREEK LB FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 482303118103700
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	7.98	7.98	7.98	7.98	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	16.	16.	16.	16.	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	1295.	1295.	1295.	1295.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	85.2	85.2	85.2	85.2	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	77.	77.	77.	77.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	545.	545.	545.	545.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	1040.	1040.	1040.	1040.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	1.68	1.68	1.68	1.68	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	3.42	3.42	3.42	3.42	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/10/92-10/10/92	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/10/92-10/10/92	1	1.24	1.24	1.24	1.24	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	7.22	7.22	7.22	7.22	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	1.55	1.55	1.55	1.55	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/10/92-10/10/92	1	67.	67.	67.	67.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0135

NPS Station ID: CODA0135
LAT/LON: 48.420004/-118.261670
Agency: 10EPACOP
Date Created: 04/17/82
Location: LAFLEUR LAKE
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 208COL-103
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/80-09/25/80	1	285.	285.	285.	285.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/25/80-09/25/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/25/80-09/25/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/80-09/25/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/25/80-09/25/80	1	128.	128.	128.	128.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/25/80-09/25/80	1	156.	156.	156.	156.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/25/80-09/25/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/25/80-09/25/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/25/80-09/25/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/25/80-09/25/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/25/80-09/25/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/25/80-09/25/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/25/80-09/25/80	1	37.8	37.8	37.8	37.8	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/25/80-09/25/80	1	12.1	12.1	12.1	12.1	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/25/80-09/25/80	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/25/80-09/25/80	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/80-09/25/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/80-09/25/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	09/25/80-09/25/80	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/25/80-09/25/80	1	187.	187.	187.	187.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/25/80-09/25/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0135

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	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									
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: CODA0136

NPS Station ID: CODA0136
LAT/LON: 48.434448/-118.225282
Agency: 112WRD
Date Created: / /
Location: BARNABY CREEK NEAR RICE, WASH.
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12409200
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020001018
RF1 Mile Point: 0.200
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: CODA0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/72-02/12/73	13	5.3	5.638	12.9	0.	17.819	4.221	0.32	1.4	9.4	11.82
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/12/72-02/12/73	14	9.5	15.786	41.	3.	158.027	12.571	4.	6.	28.75	36.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/12/72-02/12/73	11	3.	4.273	10.	1.	9.018	3.003	1.2	2.	7.	9.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/23/72-02/12/73	13	187.	165.769	235.	90.	2700.859	51.97	96.	110.	207.	233.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/23/72-12/11/72	4	81.5	81.75	114.	50.	936.25	30.598	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/23/72-12/11/72	4	99.5	99.75	139.	61.	1382.25	37.179	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/11/72-12/11/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/11/72-12/11/72	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/23/72-12/11/72	4	0.04	0.05	0.09	0.03	0.001	0.027	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/11/72	4	0.008	0.006	0.01	0.	0.	0.005	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/23/72-12/11/72	4	0.28	0.265	0.39	0.11	0.014	0.117	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/23/72-12/11/72	4	0.265	0.275	0.51	0.06	0.041	0.203	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/11/72-12/11/72	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/23/72-12/11/72	4	0.04	0.041	0.06	0.024	0.	0.015	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/72-12/11/72	3	0.02	0.021	0.022	0.02	0.	0.001	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/23/72-12/11/72	4	79.5	82.	120.	49.	1156.667	34.01	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/23/72-12/11/72	4	0.	0.5	2.	0.	1.	1.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/23/72-12/11/72	4	24.5	24.75	35.	15.	94.917	9.743	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/23/72-12/11/72	4	4.5	4.725	7.	2.9	3.996	1.999	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/23/72-12/11/72	4	4.3	4.25	5.6	2.8	1.477	1.215	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/23/72-12/11/72	4	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/23/72-12/11/72	4	10.	10.25	12.	9.	2.25	1.5	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/23/72-12/11/72	4	1.2	1.225	1.5	1.	0.043	0.206	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/23/72-12/11/72	4	0.65	0.625	0.9	0.3	0.063	0.25	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/23/72-12/11/72	4	8.5	9.	12.	7.	6.	2.449	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/72-09/11/72	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/72-09/11/72	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/17/72-09/11/72	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/17/72-09/11/72	2	8.5	8.5	10.	7.	4.5	2.121	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/11/72-04/11/72	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/11/72-04/11/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/11/72	3	14.	47.	125.	2.	4599.	67.816	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/17/72-12/11/72	3	1.146	1.181	2.097	0.301	0.807	0.898	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15.183								
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/11/72-12/11/72	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	12/11/72-12/11/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/17/72-09/11/72	2	0.05	0.05	0.1	0.	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

Parameter Inventory for Station: CODA0136

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)	03/12/72-02/12/73	12	12.	15.417	38.	2.	171.538	13.097	2.3	3.25	26.25	37.4
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	03/12/72-02/12/73	12	0.215	0.92	4.	0.02	1.641	1.281	0.029	0.053	1.95	3.49

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

EPA Water Quality Criteria Analysis for Station: CODA0136

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------8/15-1/31---------- Obs	Exceed	Prop.	----------2/01-4/15---------- Obs	Exceed	Prop.	----------4/16-8/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	2	0	0.00	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	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.	3	0	0.00	2	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	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: CODA0137

NPS Station ID: CODA0137
LAT/LON: 48.483337/-118.283338
Agency: 113FORS6
Date Created: 01/04/78
Location: BARNABY CREEK
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 21003201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLUMBIA RIVER BASIN
ECO Region:
RF1 Index: 17020001101
RF1 Mile Point: 5.220
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
U.S. FOREST SERVICE REGION 6 SAMPLING SITE. CONTACT PORTLAND REGIONAL OFFICE FOR INFORMATION.

Parameter Inventory for Station: CODA0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/75-11/08/77	5	5.	5.8	10.	3.	9.7	3.114	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	04/21/76-11/08/77	4	5.5	8.25	20.	2.	64.25	8.016	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/15/72-11/08/77	8	1.4	4.5	21.	0.3	51.071	7.146	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/08/74-11/08/74	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/08/74-11/08/77	6	110.	99.833	140.	41.	1336.967	36.565	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/21/76-11/08/77	4	13.5	13.25	14.	12.	0.917	0.957	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/08/74-11/08/77	5	7.6	7.82	8.7	7.4	0.262	0.512	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/08/74-11/08/77	5	7.6	7.666	8.7	7.4	0.292	0.54	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/74-11/08/77	5	0.025	0.022	0.04	0.002	0.	0.014	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/74-11/08/74	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/21/76-11/08/77	4	0.21	0.177	0.23	0.056	0.007	0.081	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/08/74-11/08/77	4	0.115	1.833	7.	0.1	11.868	3.445	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/08/74-11/08/74	1	53.	53.	53.	53.	0.	0.	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/21/76-11/08/77	4	11.5	27.25	86.	0.	1636.917	40.459	**	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/21/76-11/08/77	4	0.671	0.819	1.934	0.	0.953	0.976	**	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			6.595								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/08/74-11/08/74	1	60.	60.	60.	60.	0.	0.	**	**	**	**
70324	SOLIDS, VOLATILE SUSPENDED IN MIXED LIQUOR (MG/L)	05/15/75-05/15/75	1	322.	322.	322.	322.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	11/08/74-09/21/76	2	3.835	3.835	7.6	0.07	28.35	5.325	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0137

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	4	0	0.00	2	0	0.00				2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	5	0	0.00	2	0	0.00				3	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	2	0	0.00				3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	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: CODA0138

NPS Station ID: CODA0138
LAT/LON: 48.483337/-118.283338
Agency: 113FORS6
Date Created: 09/27/80
Location: BARNABY CREEK
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 21150201 /212150201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLUMBIA RIVER BASIN
ECO Region:
RF1 Index: 17020001101
RF1 Mile Point: 5.220
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
U.S. FOREST SERVICE REGION 6 SAMPLING SITE. CONTACT PORTLAND REGIONAL OFFICE FOR INFORMATION.

Parameter Inventory for Station: CODA0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/75-11/08/77	5	5.	5.8	10.	3.	9.7	3.114	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	04/21/76-11/08/77	4	5.5	8.25	20.	2.	64.25	8.016	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/15/72-11/08/77	8	1.4	4.5	21.	0.3	51.071	7.146	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	11/08/74-11/08/74	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/08/74-11/08/77	6	110.	99.833	140.	41.	1336.967	36.565	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/21/76-11/08/77	4	13.5	13.25	14.	12.	0.917	0.957	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/08/74-11/08/77	5	7.6	7.82	8.7	7.4	0.262	0.512	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/08/74-11/08/77	5	7.6	7.666	8.7	7.4	0.292	0.54	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/08/74-11/08/77	5	0.025	0.022	0.04	0.002	0.	0.014	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/08/74-11/08/74	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/21/76-11/08/77	4	0.21	0.177	0.23	0.056	0.007	0.081	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/08/74-11/08/77	4	0.115	1.833	7.	0.1	11.868	3.445	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/08/74-11/08/74	1	53.	53.	53.	53.	0.	0.	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/21/76-11/08/77	4	11.5	27.25	86.	0.	1636.917	40.459	**	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/21/76-11/08/77	4	0.671	0.819	1.934	0.	0.953	0.976	**	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			6.595								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/08/74-11/08/74	1	60.	60.	60.	60.	0.	0.	**	**	**	**
70324	SOLIDS, VOLATILE SUSPENDED IN MIXED LIQUOR (MG/L)	05/15/75-05/15/75	1	322.	322.	322.	322.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	11/08/74-09/21/76	2	3.835	3.835	7.6	0.07	28.35	5.325	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0138

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------8/15-1/31---------- Obs	Exceed	Prop.	----------2/01-4/15---------- Obs	Exceed	Prop.	----------4/16-8/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	4	0	0.00	2	0	0.00				2	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	5	0	0.00	2	0	0.00				3	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	2	0	0.00				3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	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: CODA0139

NPS Station ID: CODA0139 LAT/LON: 48.488059/-118.167227 Agency: 112WRD Date Created: 01/09/93
Location: LAKE ROOSEVELT AT FRENCH POINT ROCKS LB FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 482917118100200
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0139

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)	10/09/92-10/09/92	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/09/92-10/09/92	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/09/92-10/09/92	1	98.	98.	98.	98.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/09/92-10/09/92	1	380.	380.	380.	380.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/09/92-10/09/92	1	870.	870.	870.	870.	0.	0.	**	**	**	**
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	4.82	4.82	4.82	4.82	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	9.95	9.95	9.95	9.95	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	1283.	1283.	1283.	1283.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	88.8	88.8	88.8	88.8	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	57.	57.	57.	57.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	228.	228.	228.	228.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	472.	472.	472.	472.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	0.82	0.82	0.82	0.82	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	3.16	3.16	3.16	3.16	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	930.	930.	930.	930.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/09/92-10/09/92	1	0.83	0.83	0.83	0.83	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	1	4.47	4.47	4.47	4.47	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	1	2.01	2.01	2.01	2.01	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/09/92-10/09/92	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	1	80.	80.	80.	80.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0140

NPS Station ID: CODA0140 LAT/LON: 48.497504/-118.176393 Agency: 112WRD Date Created: 01/30/93
Location: LAKE ROOSEVELT AT FRENCH POINT ROCKS MS FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 482951118103500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0140

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)	10/09/92-10/09/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/09/92-10/09/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/09/92-10/09/92	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/09/92-10/09/92	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	15.9	15.9	15.9	15.9	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	18.9	18.9	18.9	18.9	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	1312.	1312.	1312.	1312.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	129.	129.	129.	129.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	220.	220.	220.	220.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	567.	567.	567.	567.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	1314.	1314.	1314.	1314.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	2.27	2.27	2.27	2.27	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	4.35	4.35	4.35	4.35	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	800.	800.	800.	800.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/09/92-10/09/92	1	2.62	2.62	2.62	2.62	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	1	2.57	2.57	2.57	2.57	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	1	1.61	1.61	1.61	1.61	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/09/92-10/09/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/09/92-10/09/92	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/09/92-10/09/92	1	4350.	4350.	4350.	4350.	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/09/92-10/09/92	1	33.	33.	33.	33.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	1	97.	97.	97.	97.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/09/92-10/09/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/09/92-10/09/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/09/92-10/09/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/09/92-10/09/92	1	63.	63.	63.	63.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/09/92-10/09/92	1	84.	84.	84.	84.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/09/92-10/09/92	1	42.	42.	42.	42.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/09/92-10/09/92	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

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

Station Inventory for Station: CODA0141

NPS Station ID: CODA0141 | LAT/LON: 48.500005/-118.233337 | Agency: 113FORS6 | Date Created: 06/12/78
Location: LAKE ELLEN | FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 21003305
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17020001 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLUMBIA | ECO Region:
RF1 Index: 17020001098 | RF1 Mile Point: 0.530 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
U S FOREST SERVICE REGION 6 SAMPLING SITE.T35N R36E SECT 26 NESW. PROJECT STAION. CONTACT HYDROLOGIST COLVILLE NF 509 684 5221.

Parameter Inventory for Station: CODA0141

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/12/74-09/12/74	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/12/74-09/12/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/12/74-09/12/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/12/74-09/12/74	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/12/74-09/12/74	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/12/74-09/12/74	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/12/74-09/12/74	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/12/74-09/12/74	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/12/74-09/12/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/12/74-09/12/74	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/12/74-09/12/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/12/74-09/12/74	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/12/74-09/12/74	1	90.	90.	90.	90.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/12/74-09/12/74	1	100.	100.	100.	100.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/12/74-09/12/74	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

EPA Water Quality Criteria Analysis for Station: CODA0141

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	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									
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									

& - 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: CODA0142

NPS Station ID: CODA0142 | LAT/LON: 48.500005/-118.233337 | Agency: 113FORS6 | Date Created: 09/27/80
Location: LAKE ELLEN | FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 21150302 /212150302
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17020001 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLUMBIA | ECO Region:
RF1 Index: 17020001098 | RF1 Mile Point: 0.530 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
U S FOREST SERVICE REGION 6 SAMPLING SITE.T35N R36E SECT 26 NESW. PROJECT STAION. CONTACT HYDROLOGIST COLVILLE NF 509 684 5221.

Parameter Inventory for Station: CODA0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/12/74-09/12/74	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/12/74-09/12/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	09/12/74-09/12/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/12/74-09/12/74	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/12/74-09/12/74	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/12/74-09/12/74	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/12/74-09/12/74	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/12/74-09/12/74	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/12/74-09/12/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/12/74-09/12/74	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/12/74-09/12/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/12/74-09/12/74	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/12/74-09/12/74	1	90.	90.	90.	90.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/12/74-09/12/74	1	100.	100.	100.	100.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/12/74-09/12/74	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

EPA Water Quality Criteria Analysis for Station: CODA0142

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	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									
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									

& - 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: CODA0143

NPS Station ID: CODA0143 LAT/LON: 48.503060/-118.183893 Agency: 112WRD Date Created: 01/09/93
Location: LAKE ROOSEVELT AT FRENCH POINT ROCKS RB FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 483011118110200
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	8.59	8.59	8.59	8.59	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	9.26	9.26	9.26	9.26	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	1154.	1154.	1154.	1154.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	90.1	90.1	90.1	90.1	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	387.	387.	387.	387.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	927.	927.	927.	927.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	1.65	1.65	1.65	1.65	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	610.	610.	610.	610.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/09/92-10/09/92	1	2.08	2.08	2.08	2.08	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	1	2.81	2.81	2.81	2.81	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	1	1.84	1.84	1.84	1.84	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/09/92-10/09/92	1	200.	200.	200.	200.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	1	62.	62.	62.	62.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0144

NPS Station ID: CODA0144 LAT/LON: 48.505559/-118.175004 Agency: 10EPACOP Date Created: 10/22/88
Location: LAKE ROOSEVELT AT FRENCHMAN POINT R.M. 692.2 FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /RESERV/TYPA/AMBNT/SOLIDS STORET Station ID(s): 05A021
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17020001 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020001096 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
.5 MILE OFF RIGHT BANK, BETWEEN FRENCHMAN PT. ROCKS AND MARTIN CREEK.

Parameter Inventory for Station: CODA0144

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: CODA0145

NPS Station ID: CODA0145
LAT/LON: 48.551115/-118.150838
Agency: 112WRD
Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR HAAG COVE RB
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 483304118090300
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	16.9	16.9	16.9	16.9	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	1345.	1345.	1345.	1345.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	9.	9.	9.	9.	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	108.	108.	108.	108.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	146.	146.	146.	146.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	493.	493.	493.	493.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	1150.	1150.	1150.	1150.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	2.24	2.24	2.24	2.24	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	3.91	3.91	3.91	3.91	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	860.	860.	860.	860.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/09/92-10/09/92	1	2.31	2.31	2.31	2.31	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	1	1.73	1.73	1.73	1.73	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/09/92-10/09/92	1	75.	75.	75.	75.	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/09/92-10/09/92	1	18.	18.	18.	18.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	1	77.	77.	77.	77.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/09/92-10/09/92	1	98.	98.	98.	98.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/09/92-10/09/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/09/92-10/09/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/09/92-10/09/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/09/92-10/09/92	1	33.	33.	33.	33.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/09/92-10/09/92	1	52.	52.	52.	52.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/09/92-10/09/92	1	22.	22.	22.	22.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/09/92-10/09/92	1	15.	15.	15.	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

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

Station Inventory for Station: CODA0146

NPS Station ID: CODA0146
LAT/LON: 48.552226/-118.142782
Agency: 112WRD
Date Created: 06/26/93
Location: LAKE ROOSEVELT NEAR HAAG COVE MS
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 483308118083400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	18.6	18.6	18.6	18.6	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	16.2	16.2	16.2	16.2	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	1392.	1392.	1392.	1392.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	96.	96.	96.	96.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	264.	264.	264.	264.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	395.	395.	395.	395.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	1820.	1820.	1820.	1820.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	1.46	1.46	1.46	1.46	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	3.84	3.84	3.84	3.84	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	700.	700.	700.	700.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/09/92-10/09/92	1	2.33	2.33	2.33	2.33	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	1	1.73	1.73	1.73	1.73	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/09/92-10/09/92	1	18.	18.	18.	18.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	1	77.	77.	77.	77.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/09/92-10/09/92	1	98.	98.	98.	98.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/09/92-10/09/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/09/92-10/09/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/09/92-10/09/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/09/92-10/09/92	1	33.	33.	33.	33.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/09/92-10/09/92	1	52.	52.	52.	52.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/09/92-10/09/92	1	22.	22.	22.	22.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/09/92-10/09/92	1	15.	15.	15.	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

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

Station Inventory for Station: CODA0147

NPS Station ID: CODA0147
LAT/LON: 48.566670/-118.083338
Agency: NITROGEN
Date Created: / /
Location: COLUMBIA AT COLVILLE RIVER
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SMCVC1
RMI-Indexes: 1310001
Within Park Boundary: No
RMI-Miles: 0695.30
HUC: 17020003
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/72-05/26/72	3	11.8	10.733	12.4	8.	5.693	2.386	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/20/72-05/26/72	3	10.3	10.467	11.	10.1	0.223	0.473	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/20/72-05/26/72	3	99.3	99.	99.9	97.8	1.17	1.082	**	**	**	**
00400	PH (STANDARD UNITS)	04/20/72-05/26/72	2	6.25	6.25	6.3	6.2	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/20/72-05/26/72	2	6.247	6.247	6.3	6.2	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/72-05/26/72	2	0.566	0.566	0.631	0.501	0.008	0.092	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/72-05/26/72	2	115.5	115.5	122.	109.	84.5	9.192	**	**	**	**
73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/20/72-05/26/72	3	14.	14.167	14.9	13.6	0.443	0.666	**	**	**	**
73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/20/72-05/26/72	3	1.	1.	1.	1.	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	05/05/72-05/05/72	1	103.4	103.4	103.4	103.4	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: CODA0147

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00							3	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	2	1.00							2	2	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: CODA0148

NPS Station ID: CODA0148 LAT/LON: 48.572226/-118.093060 Agency: 10EPACOP Date Created: 10/22/88
Location: COLVILLE RIVER AT MOUTH,HWY 25 BRIDGE FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /RESERV/TYPA/AMBNT/SOLIDS STORET Station ID(s): 05J006
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17020003 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020003001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
SEDIMENT TAKEN AT MIDCHANNEL, .4 MILE BELOW HIGHWAY 25 BRIDGE.

Parameter Inventory for Station: CODA0148

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/13/86-05/13/86	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/13/86-05/13/86	1	407.	407.	407.	407.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/13/86-05/13/86	1	272.	272.	272.	272.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/13/86-05/13/86	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/13/86-05/13/86	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/13/86-05/13/86	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/86-05/13/86	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/13/86-05/13/86	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/13/86-05/13/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/13/86-05/13/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/13/86-05/13/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/13/86-05/13/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/13/86-05/13/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/13/86-05/13/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/13/86-05/13/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/13/86-05/13/86	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/13/86-05/13/86	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0148

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a 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			
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			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	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			

& - 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: CODA0148

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	1	0	0.00							1	0	0.00			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	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: CODA0149

NPS Station ID: CODA0149
LAT/LON: 48.573616/-118.086116
Agency: 112WRD
Date Created: 01/30/93
Location: COLVILLE RIVER BELOW HY 25 BRIDGE MS
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 483425118051000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	1.28	1.28	1.28	1.28	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	1092.	1092.	1092.	1092.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	51.7	51.7	51.7	51.7	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	21.	21.	21.	21.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	28.3	28.3	28.3	28.3	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	110.	110.	110.	110.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	2.56	2.56	2.56	2.56	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	480.	480.	480.	480.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	1	2.45	2.45	2.45	2.45	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	1.86	1.86	1.86	1.86	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	1.43	1.43	1.43	1.43	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/08/92-10/08/92	1 ##	8.	8.	8.	8.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1	54.	54.	54.	54.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/08/92-10/08/92	1	63.	63.	63.	63.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/08/92-10/08/92	1	79.	79.	79.	79.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/08/92-10/08/92	1	96.	96.	96.	96.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/08/92-10/08/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/08/92-10/08/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/08/92-10/08/92	1	30.	30.	30.	30.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/08/92-10/08/92	1	42.	42.	42.	42.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/08/92-10/08/92	1	20.	20.	20.	20.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/08/92-10/08/92	1	14.	14.	14.	14.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0150

NPS Station ID: CODA0150
LAT/LON: 48.573616/-118.088615
Agency: 112WRD
Date Created: 01/09/93
Location: COLVILLE RIVER BELOW HY 25 BRIDGE RB
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 483425118051900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	1.82	1.82	1.82	1.82	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	6.58	6.58	6.58	6.58	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	1075.	1075.	1075.	1075.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	66.7	66.7	66.7	66.7	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	39.	39.	39.	39.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	68.	68.	68.	68.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	259.	259.	259.	259.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	3.24	3.24	3.24	3.24	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	460.	460.	460.	460.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	1	3.42	3.42	3.42	3.42	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	1.38	1.38	1.38	1.38	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/08/92-10/08/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1	80.	80.	80.	80.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0151

NPS Station ID: CODA0151
LAT/LON: 48.573616/-118.090004
Agency: 112WRD
Date Created: 01/09/93
Location: COLVILLE RIVER BELOW HY 25 BRIDGE LB
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 483410118052400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	1.97	1.97	1.97	1.97	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	5.99	5.99	5.99	5.99	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	1016.	1016.	1016.	1016.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	61.7	61.7	61.7	61.7	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	41.	41.	41.	41.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	74.	74.	74.	74.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	255.	255.	255.	255.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	3.18	3.18	3.18	3.18	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	460.	460.	460.	460.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	2.17	2.17	2.17	2.17	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	1.38	1.38	1.38	1.38	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1	85.	85.	85.	85.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0152

NPS Station ID: CODA0152
LAT/LON: 48.583615/-118.135559
Agency: 112WRD
Date Created: 01/09/93
Location: SHERMAN CREEK NEAR KETTLE FALLS MS
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 483501118080800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	0.762	0.762	0.762	0.762	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	1.42	1.42	1.42	1.42	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	703.	703.	703.	703.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	21.1	21.1	21.1	21.1	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	9.	9.	9.	9.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	49.	49.	49.	49.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	144.	144.	144.	144.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	1.34	1.34	1.34	1.34	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	380.	380.	380.	380.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	1	1.01	1.01	1.01	1.01	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	2.13	2.13	2.13	2.13	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	1.48	1.48	1.48	1.48	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1	14.	14.	14.	14.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0153

NPS Station ID: CODA0153
LAT/LON: 48.591670/-118.050004
Agency: 10EPACOP
Date Created: 10/22/88
Location: COLVILLE RIVER AT MILE 5
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 05J007 /59A070
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020003
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020003001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/86-08/26/86	1	19.3	19.3	19.3	19.3	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/26/86-08/26/86	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/86-08/26/86	1	386.	386.	386.	386.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/86-08/26/86	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/26/86-08/26/86	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/86-08/26/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/26/86-08/26/86	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/86-08/26/86	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/86-08/26/86	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/86-08/26/86	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/26/86-08/26/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	08/26/86-08/26/86	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0153

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a 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									
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									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	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									
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

EPA Water Quality Criteria Analysis for Station: CODA0153

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	1	0	0.00	1	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	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: CODA0154

NPS Station ID: CODA0154
LAT/LON: 48.594449/-118.061392
Agency: 112WRD
Date Created: / /
Location: COLVILLE RIVER AT KETTLE FALLS, WASH.
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12409000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	132	10.9	10.948	24.8	0.	48.278	6.948	2.09	4.35	16.95	20.2
00060	FLOW, STREAM, MEAN DAILY CFS	07/27/60-08/23/70	66	191.5	293.242	1420.	46.	74130.925	272.27	89.	123.75	348.75	682.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	68	187.5	325.059	1550.	23.	87965.668	296.59	79.5	121.	470.75	738.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/13/71-09/12/78	52	14.5	16.635	46.	2.	165.923	12.881	3.3	5.	24.75	40.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/10/78-06/11/80	16	22.5	27.875	75.	3.	462.65	21.509	3.	15.	38.75	68.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	130	11.	16.192	65.	0.	163.04	12.769	5.	5.	20.	37.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	132	338.	323.235	485.	42.	3950.456	62.853	236.1	290.	362.	388.
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	129	10.1	10.241	13.8	5.	2.956	1.719	8.2	8.95	11.55	12.6
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	111	7.9	7.903	8.7	6.6	0.094	0.307	7.6	7.8	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	111	7.9	7.742	8.7	6.6	0.12	0.346	7.6	7.8	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	111	0.013	0.018	0.251	0.002	0.001	0.029	0.006	0.008	0.016	0.025
00405	CARBON DIOXIDE (MG/L AS CO2)	03/29/72-09/27/72	12	2.3	2.583	4.1	2.	0.452	0.673	2.	2.05	3.125	3.89
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/03/61-09/27/72	35	165.	153.029	185.	105.	704.793	26.548	110.6	131.	174.	179.4
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	82	200.	187.488	226.	125.	824.673	28.717	138.6	165.5	209.	214.7
00445	CARBONATE ION (MG/L AS CO3)	07/27/60-10/20/71	67	0.	0.299	10.	0.	1.879	1.371	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	06/07/76-06/07/76	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/12/72-09/27/72	3	0.21	0.2	0.24	0.15	0.002	0.046	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	68	0.095	0.113	0.31	0.01	0.005	0.07	0.04	0.06	0.145	0.221
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/71-09/27/72	17	0.01	0.013	0.05	0.	0.	0.012	0.	0.01	0.01	0.034
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/71-09/27/72	17	0.19	0.237	0.48	0.14	0.009	0.097	0.148	0.17	0.295	0.416
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/71-09/27/72	17	0.36	0.364	0.92	0.12	0.036	0.191	0.136	0.215	0.44	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-06/11/80	50	0.18	0.319	1.4	0.01	0.119	0.345	0.06	0.1	0.448	0.883
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/27/60-07/10/79	44	0.195	0.204	0.51	0.01	0.009	0.097	0.09	0.133	0.248	0.33
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/03/61-06/11/80	58	0.1	0.113	0.37	0.	0.006	0.078	0.03	0.06	0.158	0.223
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	68	0.08	0.087	0.2	0.03	0.002	0.04	0.04	0.06	0.11	0.16
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	68	0.03	0.033	0.12	0.	0.001	0.024	0.01	0.02	0.05	0.07
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	82	170.	160.805	202.	108.	619.912	24.898	118.	141.5	177.25	186.8
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	82	6.	7.037	30.	0.	36.974	6.081	0.6	3.	9.	14.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	82	43.5	41.427	50.	29.	30.346	5.509	32.	38.	45.	47.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	82	15.	13.943	20.	8.2	8.159	2.856	9.16	12.	16.	17.
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	82	6.3	6.051	8.1	4.	1.192	1.092	4.23	5.075	6.725	7.47
00931	SODIUM ADSORPTION RATIO	08/03/61-09/27/72	33	0.2	0.206	0.3	0.2	0.001	0.024	0.2	0.2	0.2	0.2
00932	SODIUM, PERCENT	08/03/61-09/27/72	33	7.	7.364	9.	6.	0.489	0.699	6.4	7.	8.	8.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	82	2.5	2.545	5.1	1.4	0.449	0.67	1.66	2.	3.025	3.27
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	82	2.	1.716	6.	0.	0.638	0.799	0.83	1.	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	81	17.	17.914	38.	9.	32.755	5.723	12.	14.	20.	26.2
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	65	0.2	0.185	0.3	0.	0.003	0.054	0.1	0.2	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	65	19.	18.338	22.	14.	4.04	2.01	16.	17.	20.	21.

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

Parameter Inventory for Station: CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/29/60-08/11/68	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01020	BORON, DISSOLVED (UG/L AS B)	09/29/60-02/23/69	13	20.	42.692	120.	0.	2394.231	48.931	0.	0.	100.	118.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/29/60-09/27/72	25	0.	2.84	20.	0.	29.14	5.398	0.	0.	5.5	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/17/68-11/17/71	10	0.	1.5	7.	0.	6.722	2.593	0.	0.	3.5	6.8
01040	COPPER, DISSOLVED (UG/L AS CU)	09/29/60-09/27/72	35	2.	26.514	170.	0.	2402.081	49.011	0.	1.	20.	120.
01045	IRON, TOTAL (UG/L AS FE)	07/27/60-09/21/65	41	240.	385.122	2000.	40.	170190.61	412.542	92.	165.	465.	890.
01049	LEAD, DISSOLVED (UG/L AS PB)	10/13/71-09/27/72	17	2.	5.882	56.	0.	170.485	13.057	0.	2.	5.	16.8
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/17/68-08/11/68	2	150.	150.	160.	140.	200.	14.142	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/21/61-09/27/72	32	3.5	24.906	180.	0.	1945.12	44.104	0.	0.	30.	100.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	03/17/68-08/11/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/13/71-08/19/75	20	700.	1179.25	8000.	140.	3031184.934	1741.03	182.5	340.	1350.	2860.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/13/71-08/19/75	20	2.845	2.843	3.903	2.146	0.175	0.418	2.259	2.529	3.121	3.45
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			697.09								
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/27/60-08/23/70	64	930.	3838.656	46000.	0.	75082055.15	8664.99	155.	430.	2400.	11000.
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	07/27/60-08/23/70	64	2.968	2.991	4.663	0.	0.686	0.828	2.171	2.633	3.38	4.041
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			980.328								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/22/74-08/19/75	4	15.	36.25	110.	5.	2456.25	49.561	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/22/74-08/19/75	4	1.151	1.26	2.041	0.699	0.332	0.576	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			18.212								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	64	209.5	202.75	260.	141.	728.921	26.999	155.5	191.5	216.	234.5
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/68-08/23/70	7	215.	208.143	241.	140.	1076.81	32.815	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/03/61-08/23/70	16	112.5	143.531	494.	24.8	13050.954	114.241	28.3	73.8	187.	321.1
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/03/61-08/23/70	16	0.285	0.277	0.35	0.22	0.001	0.038	0.22	0.24	0.298	0.336
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/08/79-06/11/80	13	0.1	0.119	0.3	0.01	0.01	0.099	0.022	0.05	0.2	0.3
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/27/60-09/27/72	68	1.	1.563	6.6	0.1	2.032	1.425	0.49	0.7	1.875	3.56
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/12/72-09/27/72	3	0.	0.053	0.16	0.	0.009	0.092	**	**	**	**
71885	IRON (UG/L AS FE)	11/21/61-07/15/65	5	230.	252.	350.	160.	5920.	76.942	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/08/79-06/11/80	13	0.21	0.244	0.49	0.12	0.014	0.117	0.12	0.165	0.34	0.454
71900	MERCURY, TOTAL (UG/L AS HG)	10/13/71-09/27/72	17	0.5	0.559	2.3	0.1	0.256	0.506	0.1	0.2	0.7	1.1

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

EPA Water Quality Criteria Analysis for Station: CODA0154

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	52	0	0.00	21	0	0.00	11	0	0.00	20	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	16	3	0.19	6	0	0.00	4	2	0.50	6	1	0.17			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	129	0	0.00	52	0	0.00	28	0	0.00	49	0	0.00			
00400	PH	Other-Hi Lim.	9.	111	0	0.00	48	0	0.00	21	0	0.00	42	0	0.00			
		Other-Lo Lim.	6.5	111	0	0.00	48	0	0.00	21	0	0.00	42	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	17	0	0.00	7	0	0.00	3	0	0.00	7	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	17	0	0.00	7	0	0.00	3	0	0.00	7	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	50	0	0.00	19	0	0.00	12	0	0.00	19	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	82	0	0.00	37	0	0.00	14	0	0.00	31	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	81	0	0.00	36	0	0.00	14	0	0.00	31	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	13	0	0.00	6	0	0.00	3	0	0.00	4	0	0.00			
		Drinking Water	50.	13	0	0.00	6	0	0.00	3	0	0.00	4	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	25	0	0.00	9	0	0.00	6	0	0.00	10	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	35	10	0.29	14	5	0.36	9	3	0.33	12	2	0.17			
		Drinking Water	1300.	35	0	0.00	14	0	0.00	9	0	0.00	12	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	17	0	0.00	7	0	0.00	3	0	0.00	7	0	0.00			
		Drinking Water	5.	17	5	0.29	7	1	0.14	3	2	0.67	7	2	0.29			
01090	ZINC, DISSOLVED	Fresh Acute	120.	32	2	0.06	12	1	0.08	8	0	0.00	12	1	0.08			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	20	5	0.25	8	2	0.25	4	1	0.25	8	2	0.25			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	64	25	0.39	27	12	0.44	13	6	0.46	24	7	0.29			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	68	0	0.00	32	0	0.00	11	0	0.00	25	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	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

EPA Water Quality Criteria Analysis for Station: CODA0154

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
71900 MERCURY, TOTAL	Fresh Acute	2.4	17	0	0.00	7	0	0.00	3	0	0.00	7	0	0.00			
	Drinking Water	2.	17	1	0.06	7	0	0.00	3	1	0.33	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

Annual Analysis for 1960 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	6	10.25	9.75	21.	1.	60.575	7.783	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	6	10.	10.	15.	5.	10.	3.162	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	6	338.5	343.	399.	318.	843.6	29.045	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	6	9.9	10.067	13.	8.5	2.871	1.694	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	6	8.15	8.183	8.4	8.	0.022	0.147	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	6	8.147	8.163	8.4	8.	0.022	0.149	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	6	0.007	0.007	0.01	0.004	0.	0.002	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	6	196.	197.5	209.	188.	84.3	9.182	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	6	168.5	170.	177.	164.	24.8	4.98	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	6	6.5	7.167	14.	4.	12.567	3.545	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	6	43.5	43.5	45.	42.	1.1	1.049	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	6	15.	15.	16.	14.	0.8	0.894	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	6	5.9	5.767	6.2	5.	0.203	0.45	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	6	2.35	2.433	3.1	1.9	0.255	0.505	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	6	2.	1.833	2.	1.	0.167	0.408	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	6	16.5	17.167	23.	15.	8.967	2.994	**	**	**	**

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

Annual Analysis for 1961 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	12	10.35	10.092	24.	0.	71.723	8.469	0.03	1.375	18.875	22.86
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	12	10.	10.	20.	5.	31.818	5.641	5.	5.	13.75	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	11	335.	319.091	368.	229.	2346.491	48.441	229.	303.	353.	365.2
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	12	10.85	10.767	13.8	8.1	3.901	1.975	8.16	8.7	12.575	13.62
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	11	8.	8.045	8.7	7.7	0.069	0.262	7.72	7.9	8.2	8.6
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	11	8.	7.988	8.7	7.7	0.072	0.269	7.72	7.9	8.2	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	11	0.01	0.01	0.02	0.002	0.	0.005	0.003	0.006	0.013	0.019
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	11	194.	184.545	209.	130.	838.873	28.963	130.8	166.	207.	208.8
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/03/61-06/11/80	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	11	173.	159.364	184.	111.	626.455	25.029	111.6	152.	176.	182.4
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	11	4.	6.727	18.	2.	25.218	5.022	2.2	4.	9.	17.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	11	44.	41.727	48.	31.	32.218	5.676	31.2	38.	46.	47.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	11	15.	13.4	16.	8.2	8.032	2.834	8.2	12.	15.	16.
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	11	6.3	5.909	6.6	4.2	0.643	0.802	4.28	5.6	6.4	6.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	11	2.2	2.291	3.1	1.5	0.265	0.515	1.52	2.	2.7	3.06
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	11	1.	1.227	2.	0.	0.468	0.684	0.1	1.	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	11	17.	16.818	23.	12.	11.364	3.371	12.2	14.	18.	22.8

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Annual Analysis for 1962 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	12	13.65	11.908	20.5	0.5	49.688	7.049	1.19	6.	18.375	20.2
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	12	7.5	10.833	30.	5.	62.879	7.93	5.	5.	15.	27.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	12	352.	334.25	406.	225.	2840.023	53.292	230.7	311.25	362.	398.2
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	11	10.1	10.309	13.6	7.8	3.357	1.832	7.8	8.7	11.5	13.32
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	12	7.9	7.892	8.	7.7	0.01	0.1	7.73	7.8	8.	8.
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	12	7.9	7.881	8.	7.7	0.01	0.1	7.73	7.8	8.	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	12	0.013	0.013	0.02	0.01	0.	0.003	0.01	0.01	0.016	0.019
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	12	203.	189.333	218.	125.	898.788	29.98	129.8	179.	211.5	216.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	12	170.5	164.333	199.	108.	709.152	26.63	111.	156.5	178.5	195.7
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	12	7.	9.167	30.	0.	86.697	9.311	0.	2.5	12.75	28.2

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Annual Analysis for 1962 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	12	44.	42.5	50.	29.	39.182	6.26	29.9	40.25	46.	49.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	12	15.	14.067	18.	8.5	7.753	2.784	8.74	13.	16.	17.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	12	6.75	6.533	7.9	4.2	1.212	1.101	4.38	6.025	7.3	7.84
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	12	2.85	2.758	3.4	1.8	0.232	0.481	1.83	2.625	3.075	3.34
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	12	2.	1.808	3.	0.2	0.732	0.855	0.29	1.25	2.	3.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	12	17.	19.667	38.	12.	66.97	8.184	12.	14.5	20.75	36.8

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Annual Analysis for 1963 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	9	15.6	12.411	20.	0.	50.919	7.136	0.	6.	18.3	20.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	8	5.	8.125	15.	5.	20.982	4.581	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	9	328.	314.333	372.	244.	1736.75	41.674	244.	280.	343.5	372.
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	9	9.4	9.722	12.8	7.3	3.277	1.81	7.3	8.	11.15	12.8
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	9	7.9	7.822	8.	7.6	0.017	0.13	7.6	7.7	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	9	7.9	7.804	8.	7.6	0.017	0.132	7.6	7.7	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	9	0.013	0.016	0.025	0.01	0.	0.005	0.01	0.013	0.02	0.025
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	9	184.	185.333	222.	143.	743.25	27.263	143.	160.5	208.	222.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	9	163.	159.	191.	120.	512.	22.627	120.	141.	174.5	191.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	9	7.	7.111	12.	3.	9.611	3.1	3.	4.	9.5	12.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	9	42.	40.667	49.	33.	25.75	5.074	33.	36.	44.	49.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	9	15.	14.011	17.	9.1	6.876	2.622	9.1	12.	16.	17.
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	9	6.1	6.011	7.3	4.2	1.016	1.008	4.2	5.15	6.85	7.3
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	9	2.6	2.589	3.2	1.9	0.201	0.448	1.9	2.2	3.	3.2
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	9	2.	1.533	2.	0.8	0.31	0.557	0.8	1.	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	9	17.	16.778	23.	10.	15.194	3.898	10.	14.	20.	23.

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Annual Analysis for 1964 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	4	3.5	6.	16.	1.	46.	6.782	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	5	5.	7.	10.	5.	7.5	2.739	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	5	354.	351.2	421.	281.	2477.2	49.771	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	4	12.1	11.475	12.4	9.3	2.129	1.459	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	5	7.9	7.88	8.	7.8	0.007	0.084	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	5	7.9	7.874	8.	7.8	0.007	0.084	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	5	0.013	0.013	0.016	0.01	0.	0.002	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	5	206.	200.6	219.	164.	465.3	21.571	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/03/61-06/11/80	3	0.22	0.217	0.28	0.15	0.004	0.065	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	5	176.	173.8	202.	140.	497.2	22.298	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	5	6.	9.2	22.	5.	51.7	7.19	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	5	44.	43.2	48.	38.	13.2	3.633	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	5	16.	16.	20.	11.	10.5	3.24	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	5	6.2	6.1	8.1	4.5	1.955	1.398	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	5	3.4	3.6	5.1	2.5	0.96	0.98	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	5	2.	1.7	2.	0.5	0.45	0.671	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	5	18.	20.	32.	13.	51.5	7.176	**	**	**	**

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Annual Analysis for 1965 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	3	2.	8.333	23.	0.	162.333	12.741	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	4	5.	6.25	10.	5.	6.25	2.5	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	4	357.	362.	392.	342.	546.	23.367	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	4	11.15	11.05	12.9	9.	3.03	1.741	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.9	7.875	8.	7.7	0.016	0.126	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.9	7.861	8.	7.7	0.016	0.127	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	4	0.013	0.014	0.02	0.01	0.	0.004	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	4	209.	207.25	214.	197.	58.25	7.632	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	4	175.5	179.25	194.	172.	103.583	10.178	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	4	7.	9.	18.	4.	44.	6.633	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	4	44.	44.75	48.	43.	4.917	2.217	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	4	16.5	16.5	18.	15.	1.667	1.291	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	4	6.3	6.675	7.8	6.3	0.563	0.75	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	4	3.15	3.175	4.4	2.	0.963	0.981	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	4	2.	2.	3.	1.	0.667	0.816	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	4	19.5	20.25	27.	15.	26.25	5.123	**	**	**	**

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Annual Analysis for 1966 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	4	11.5	11.375	17.5	5.	46.229	6.799	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	5	10.	10.	15.	5.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	4	329.	331.25	387.	280.	2928.917	54.119	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	4	9.55	9.825	12.2	8.	4.256	2.063	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.7	7.675	7.8	7.5	0.022	0.15	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.689	7.655	7.8	7.5	0.023	0.152	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	4	0.02	0.022	0.032	0.016	0.	0.008	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	4	181.	184.25	218.	157.	784.25	28.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	4	161.	163.	188.	142.	598.667	24.468	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	4	10.	12.5	28.	2.	131.667	11.475	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	4	40.5	41.25	47.	37.	25.583	5.058	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	4	14.5	14.5	17.	12.	8.333	2.887	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	4	6.4	6.325	7.5	5.	1.589	1.261	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	4	2.8	2.8	3.3	2.3	0.227	0.476	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	4	2.	1.75	2.	1.	0.25	0.5	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	4	20.	22.5	36.	14.	91.667	9.574	**	**	**	**

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Annual Analysis for 1967 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	3	17.	14.833	24.5	3.	119.083	10.913	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	3	5.	6.667	10.	5.	8.333	2.887	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	3	351.	314.333	358.	234.	4852.333	69.659	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	3	8.8	9.967	12.7	8.4	5.643	2.376	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	3	8.	7.967	8.1	7.8	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	3	8.	7.948	8.1	7.8	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	3	0.01	0.011	0.016	0.008	0.	0.004	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	3	207.	185.667	208.	142.	1430.333	37.82	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	3	176.	156.667	176.	118.	1121.333	33.486	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	3	6.	5.	7.	2.	7.	2.646	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	3	44.	40.	44.	32.	48.	6.928	**	**	**	**

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Annual Analysis for 1967 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	3	16.	13.767	16.	9.3	14.963	3.868	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	3	6.3	6.067	7.9	4.	3.843	1.96	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	3	2.9	2.467	3.1	1.4	0.863	0.929	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	3	1.	1.5	3.	0.5	1.75	1.323	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	3	20.	17.333	20.	12.	21.333	4.619	**	**	**	**

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Annual Analysis for 1968 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	4	8.	10.75	24.	3.	86.25	9.287	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	4	7.5	10.	20.	5.	50.	7.071	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	4	313.	309.5	343.	269.	1223.	34.971	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	4	9.95	9.675	13.8	5.	14.823	3.85	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	4	8.	7.975	8.1	7.8	0.022	0.15	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.989	7.955	8.1	7.8	0.023	0.152	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	4	0.01	0.011	0.016	0.008	0.	0.004	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	4	177.	178.25	199.	160.	426.25	20.646	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	4	153.5	152.75	169.	135.	314.917	17.746	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	4	7.5	6.75	9.	3.	8.25	2.872	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	4	39.	39.	42.	36.	12.	3.464	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	4	13.5	13.5	16.	11.	5.667	2.38	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	4	6.4	6.025	6.4	4.9	0.563	0.75	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	4	2.75	2.7	3.3	2.	0.367	0.606	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	4	2.	1.725	2.	0.9	0.303	0.55	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	4	19.5	18.75	22.	14.	12.917	3.594	**	**	**	**

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Annual Analysis for 1969 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	4	10.	9.75	17.	2.	70.25	8.382	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	4	7.5	8.75	20.	0.	72.917	8.539	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	4	362.	337.5	384.	242.	4161.	64.506	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	4	10.05	10.025	12.5	7.5	4.769	2.184	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.95	7.975	8.3	7.7	0.076	0.275	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.925	7.914	8.3	7.7	0.081	0.284	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	4	0.012	0.012	0.02	0.005	0.	0.007	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	4	209.5	192.25	214.	136.	1412.25	37.58	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	4	181.5	167.	188.	117.	1120.667	33.476	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	4	6.	7.75	17.	2.	41.583	6.449	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	4	46.5	43.25	48.	32.	56.917	7.544	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	4	15.5	14.25	17.	9.	12.917	3.594	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	4	6.8	6.45	7.9	4.3	2.383	1.544	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	4	2.4	2.3	2.6	1.8	0.127	0.356	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	4	2.	1.75	2.	1.	0.25	0.5	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	4	17.5	18.75	29.	11.	56.25	7.5	**	**	**	**

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Annual Analysis for 1970 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	3	16.	13.333	21.	3.	86.333	9.292	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	3	5.	10.	20.	5.	75.	8.66	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	3	369.	330.667	394.	229.	7908.333	88.929	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	3	8.8	9.133	11.7	6.9	5.843	2.417	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	3	8.2	8.1	8.3	7.8	0.07	0.265	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	3	8.2	8.043	8.3	7.8	0.075	0.274	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	3	0.006	0.009	0.016	0.005	0.	0.006	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	3	213.	186.667	216.	131.	2326.333	48.232	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	3	179.	161.	195.	109.	2092.	45.738	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	3	2.	6.	14.	2.	48.	6.928	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	3	45.	41.667	50.	30.	108.333	10.408	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	3	16.	13.767	17.	8.3	22.663	4.761	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	3	7.4	6.467	7.7	4.3	3.543	1.882	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	3	2.3	2.6	3.7	1.8	0.97	0.985	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	3	2.	1.6	2.	0.8	0.48	0.693	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	3	18.	19.	27.	12.	57.	7.55	**	**	**	**

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Annual Analysis for 1971 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	4	5.15	5.975	10.2	3.4	9.496	3.082	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	4	167.	159.75	178.	127.	509.583	22.574	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	4	19.	17.5	22.	10.	29.667	5.447	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	4	345.	344.25	362.	325.	228.917	15.13	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	4	11.5	11.3	12.2	10.	0.967	0.983	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	4	8.15	8.2	8.6	7.9	0.087	0.294	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	4	8.147	8.134	8.6	7.9	0.092	0.304	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	4	0.007	0.007	0.013	0.003	0.	0.004	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	4	213.5	215.25	226.	208.	59.583	7.719	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	4	0.06	0.073	0.13	0.04	0.002	0.039	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	4	0.065	0.07	0.11	0.04	0.001	0.032	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	4	0.035	0.04	0.08	0.01	0.001	0.032	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	4	180.	177.5	180.	170.	25.	5.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	4	1.	2.25	7.	0.	10.917	3.304	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	4	45.5	44.75	46.	42.	3.583	1.893	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	4	16.	15.75	16.	15.	0.25	0.5	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	4	6.4	6.325	6.4	6.1	0.023	0.15	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	4	2.5	2.525	2.7	2.4	0.023	0.15	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	4	2.	3.	6.	2.	4.	2.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	3	16.	21.	32.	15.	91.	9.539	**	**	**	**

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Annual Analysis for 1972 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	13	11.6	12.285	20.2	5.6	25.095	5.009	5.68	7.2	16.25	19.68
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	13	540.	469.231	988.	81.	114610.859	338.542	90.6	121.	720.	984.8
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	13	37.	32.846	52.	17.	136.808	11.696	17.4	22.	42.5	49.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	13	305.	300.769	388.	241.	3210.026	56.657	241.4	243.5	356.5	380.
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	12	10.3	10.308	12.2	8.2	1.384	1.177	8.44	9.4	11.2	12.05
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	13	8.	8.008	8.2	7.7	0.026	0.161	7.74	7.9	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	13	8.	7.98	8.2	7.7	0.027	0.163	7.74	7.9	8.2	8.2

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Annual Analysis for 1972 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	13	0.01	0.01	0.02	0.006	0.	0.004	0.006	0.006	0.013	0.018
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	13	164.	168.462	217.	128.	1090.269	33.019	128.8	139.	202.	213.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	13	0.08	0.101	0.31	0.02	0.005	0.074	0.032	0.06	0.11	0.258
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/03/61-06/11/80	3	0.06	0.09	0.15	0.06	0.003	0.052	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	13	0.07	0.076	0.19	0.03	0.002	0.04	0.034	0.05	0.09	0.154
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	13	0.02	0.022	0.05	0.01	0.	0.012	0.01	0.015	0.025	0.046
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	13	140.	140.769	180.	110.	607.692	24.651	110.	120.	165.	176.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	13	3.	4.154	12.	0.	15.974	3.997	0.	0.	8.	10.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	13	39.	37.538	46.	29.	35.769	5.981	29.8	32.	43.5	45.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	13	11.	11.569	16.	8.3	7.176	2.679	8.54	9.35	14.5	15.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	13	5.	5.292	7.1	4.	1.282	1.132	4.	4.15	6.25	7.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	13	2.	1.946	2.5	1.4	0.156	0.395	1.4	1.6	2.35	2.46
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	13	2.	1.692	2.	1.	0.231	0.48	1.	1.	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	13	14.	14.077	17.	9.	6.244	2.499	9.4	13.	16.	17.

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Annual Analysis for 1974 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	1	156.	156.	156.	156.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	1	430.	430.	430.	430.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	1	11.3	11.3	11.3	11.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-06/11/80	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/03/61-06/11/80	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

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Annual Analysis for 1975 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	9	10.	8.7	17.1	3.	24.835	4.983	3.	3.8	12.2	17.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	9	193.	385.333	1550.	150.	205214.	453.006	150.	164.5	405.5	1550.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	9	21.	27.111	65.	8.	306.361	17.503	8.	18.	36.5	65.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	9	325.	295.222	375.	42.	11022.944	104.99	42.	267.5	357.5	375.
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	9	10.	10.044	12.	8.6	1.343	1.159	8.6	8.95	10.95	12.
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	3	7.9	7.933	8.2	7.7	0.063	0.252	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	3	7.9	7.888	8.2	7.7	0.066	0.258	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	3	0.013	0.013	0.02	0.006	0.	0.007	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	9	0.13	0.148	0.29	0.06	0.005	0.072	0.06	0.09	0.195	0.29
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-06/11/80	9	0.24	0.357	1.2	0.05	0.12	0.346	0.05	0.135	0.455	1.2
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/03/61-06/11/80	9	0.12	0.118	0.18	0.04	0.003	0.057	0.04	0.06	0.18	0.18
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	9	0.09	0.097	0.2	0.04	0.002	0.046	0.04	0.065	0.11	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	9	0.04	0.039	0.06	0.014	0.	0.019	0.014	0.02	0.06	0.06

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Annual Analysis for 1976 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	16	14.2	12.375	21.9	2.3	43.993	6.633	2.65	5.4	17.55	20.99
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	16	252.	329.875	820.	83.	59024.783	242.95	97.	142.	452.75	803.2
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	16	29.	30.375	50.	13.	165.983	12.883	14.4	20.	44.	48.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	16	300.	287.813	400.	170.	4259.896	65.268	191.	227.5	323.75	382.5
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	16	9.5	9.725	12.	7.3	1.673	1.293	7.86	9.1	10.7	12.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	16	0.125	0.147	0.26	0.08	0.004	0.063	0.08	0.083	0.21	0.239
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-06/11/80	16	0.175	0.269	0.64	0.01	0.05	0.223	0.045	0.12	0.56	0.612
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/03/61-06/11/80	16	0.09	0.084	0.15	0.03	0.002	0.039	0.03	0.06	0.115	0.15
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	16	0.11	0.113	0.18	0.06	0.002	0.041	0.06	0.08	0.155	0.18
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	16	0.03	0.028	0.05	0.01	0.	0.013	0.01	0.02	0.039	0.05

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

Annual Analysis for 1977 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	2	6.8	6.8	8.5	5.1	5.78	2.404	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	2	79.5	79.5	93.	66.	364.5	19.092	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	1	375.	375.	375.	375.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	2	6.75	6.75	6.9	6.6	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	2	6.725	6.725	6.9	6.6	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	2	0.189	0.189	0.251	0.126	0.008	0.089	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	2	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-06/11/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/03/61-06/11/80	2	0.185	0.185	0.25	0.12	0.008	0.092	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	2	0.1	0.1	0.11	0.09	0.	0.014	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	2	0.06	0.06	0.08	0.04	0.001	0.028	**	**	**	**

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Annual Analysis for 1978 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	9	13.2	12.733	24.8	4.	43.94	6.629	4.	6.75	17.4	24.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	9	146.	293.444	950.	48.	91314.528	302.183	48.	107.5	474.	950.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	9	10.	13.889	20.	10.	23.611	4.859	10.	10.	20.	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	9	310.	315.556	380.	245.	2027.778	45.031	245.	280.	357.5	380.
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	9	10.	10.333	12.6	8.3	2.27	1.507	8.3	9.	11.65	12.6
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	9	7.7	7.667	8.3	7.	0.2	0.447	7.	7.25	8.05	8.3
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	9	7.7	7.471	8.3	7.	0.243	0.493	7.	7.25	8.05	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	9	0.02	0.034	0.1	0.005	0.001	0.034	0.005	0.009	0.06	0.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	9	0.08	0.088	0.21	0.04	0.002	0.05	0.04	0.06	0.095	0.21
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-06/11/80	9	0.16	0.372	1.4	0.01	0.218	0.467	0.01	0.1	0.59	1.4
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/03/61-06/11/80	9	0.06	0.083	0.21	0.	0.006	0.078	0.	0.015	0.15	0.21
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	9	0.06	0.069	0.1	0.04	0.001	0.024	0.04	0.045	0.095	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	9	0.02	0.029	0.07	0.005	0.001	0.025	0.005	0.008	0.05	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 1979 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	9	11.	12.544	22.5	0.3	62.473	7.904	0.3	6.1	19.95	22.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	9	83.	177.	702.	23.	46268.	215.1	23.	57.	245.	702.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	9	5.	8.333	20.	0.	46.	6.782	0.	5.	15.	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	9	388.	392.556	485.	275.	4596.278	67.796	275.	347.5	460.	485.
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	9	9.9	10.233	13.8	6.9	4.485	2.118	6.9	8.95	12.	13.8
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	9	7.9	7.711	8.1	7.	0.129	0.359	7.	7.45	7.95	8.1
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	9	7.9	7.555	8.1	7.	0.156	0.395	7.	7.45	7.95	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	9	0.013	0.028	0.1	0.008	0.001	0.03	0.008	0.011	0.038	0.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	9	0.05	0.082	0.23	0.01	0.004	0.067	0.01	0.04	0.11	0.23
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-06/11/80	9	0.1	0.174	0.51	0.02	0.028	0.168	0.02	0.06	0.31	0.51
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/03/61-06/11/80	9	0.06	0.098	0.25	0.	0.008	0.092	0.	0.03	0.195	0.25
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	9	0.07	0.076	0.13	0.04	0.001	0.036	0.04	0.04	0.11	0.13
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	9	0.02	0.032	0.08	0.	0.001	0.03	0.	0.01	0.065	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 box-and-whisker plot

Annual Analysis for 1980 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	5	6.8	8.46	16.	0.5	45.328	6.733	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	5	367.	414.	637.	261.	20281.	142.411	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	3	15.	14.333	16.	12.	4.333	2.082	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	5	300.	296.	400.	210.	6130.	78.294	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	5	10.8	10.76	12.9	8.7	2.708	1.646	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	5	8.1	8.06	8.2	7.9	0.013	0.114	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	5	8.1	8.048	8.2	7.9	0.013	0.115	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	5	0.008	0.009	0.013	0.006	0.	0.002	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	5	0.13	0.128	0.26	0.03	0.009	0.097	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-06/11/80	5	0.35	0.626	1.4	0.1	0.344	0.586	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/03/61-06/11/80	5	0.15	0.19	0.37	0.06	0.015	0.122	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	5	0.06	0.08	0.16	0.05	0.002	0.045	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	5	0.05	0.062	0.12	0.02	0.002	0.039	**	**	**	**

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

Seasonal Analysis for Season #1: 8/15 to 1/31 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	54	6.85	8.769	21.	0.	44.435	6.666	0.4	3.	15.75	19.
00060	FLOW, STREAM, MEAN DAILY CFS	07/27/60-08/23/70	30	142.5	158.9	417.	52.	6481.886	80.51	77.6	106.75	178.	312.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	27	132.	136.741	275.	57.	2893.661	53.793	64.2	102.	166.	207.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/13/71-09/12/78	21	6.	17.095	46.	2.	267.69	16.361	3.2	4.	33.	45.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	55	10.	12.	31.	5.	60.815	7.798	5.	5.	19.	22.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	56	350.5	350.446	430.	275.	715.415	26.747	319.4	340.	367.25	380.
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	52	10.55	10.521	13.8	6.9	3.164	1.779	7.8	9.4	11.975	12.94
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	48	8.	7.94	8.7	6.6	0.12	0.347	7.59	7.9	8.1	8.21
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	48	8.	7.715	8.7	6.6	0.172	0.415	7.59	7.9	8.1	8.21
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	48	0.01	0.019	0.251	0.002	0.001	0.039	0.006	0.008	0.013	0.026
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/03/61-09/27/72	13	174.	173.	185.	163.	40.	6.325	163.8	167.5	177.5	182.6
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	37	208.	206.081	226.	157.	156.41	12.506	190.4	201.	213.5	218.
00445	CARBONATE ION (MG/L AS CO3)	07/27/60-10/20/71	32	0.	0.344	10.	0.	3.136	1.771	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	27	0.08	0.096	0.23	0.04	0.003	0.051	0.04	0.06	0.13	0.186
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/27/60-07/10/79	22	0.225	0.26	0.51	0.14	0.009	0.094	0.18	0.198	0.3	0.44
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/03/61-06/11/80	23	0.12	0.123	0.25	0.	0.005	0.072	0.012	0.06	0.18	0.238
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	27	0.08	0.081	0.16	0.04	0.001	0.03	0.04	0.05	0.11	0.114
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	27	0.04	0.039	0.08	0.	0.001	0.023	0.009	0.02	0.06	0.08
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	37	176.	174.351	191.	142.	71.845	8.476	163.4	170.	180.	181.6
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	37	5.	5.486	14.	0.	15.701	3.962	0.	3.	7.	14.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	37	44.	44.189	49.	37.	5.102	2.259	41.8	43.	46.	46.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	37	16.	15.568	17.	12.	1.141	1.068	14.	15.	16.	17.
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	37	6.4	6.451	7.7	5.	0.363	0.602	5.5	6.15	6.85	7.32
00931	SODIUM ADSORPTION RATIO	08/03/61-09/27/72	12	0.2	0.208	0.3	0.2	0.001	0.029	0.2	0.2	0.2	0.27
00932	SODIUM, PERCENT	08/03/61-09/27/72	12	7.	7.333	8.	6.	0.424	0.651	6.3	7.	8.	8.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	37	2.7	2.751	5.1	1.9	0.319	0.565	2.18	2.4	3.1	3.32
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	37	2.	2.054	6.	1.	0.553	0.743	1.8	2.	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	36	17.	17.833	32.	14.	11.286	3.359	14.7	16.	19.5	22.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	30	0.2	0.197	0.3	0.1	0.002	0.049	0.1	0.2	0.2	0.29
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	30	19.	18.567	22.	15.	4.185	2.046	16.	16.75	20.25	21.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/29/60-09/27/72	9	0.	4.444	20.	0.	52.778	7.265	0.	0.	10.	20.
01040	COPPER, DISSOLVED (UG/L AS CU)	09/29/60-09/27/72	14	9.5	27.429	150.	0.	1911.956	43.726	0.	1.	40.	115.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/21/61-09/27/72	12	10.	39.167	180.	0.	3335.606	57.755	0.	0.	85.	156.
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/27/60-08/23/70	27	930.	4479.037	46000.	73.	93634463.268	9676.49	178.2	430.	2400.	13600.
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	07/27/60-08/23/70	27	2.968	3.114	4.663	1.863	0.448	0.669	2.233	2.633	3.38	4.109
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			1301.45								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	30	212.	213.433	233.	179.	112.392	10.602	203.	209.75	217.25	229.8
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/27/60-09/27/72	32	1.3	1.5	3.2	0.4	0.555	0.745	0.56	0.925	2.05	2.67

** - Less than 9 observations ## - Computed 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: 2/01 to 4/15 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	28	4.1	4.914	10.2	0.5	6.377	2.525	2.	3.	6.8	8.51
00060	FLOW, STREAM, MEAN DAILY CFS	07/27/60-08/23/70	12	333.	396.167	782.	220.	35739.424	189.049	220.6	258.25	489.	768.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	15	383.	467.133	950.	191.	58527.838	241.925	205.4	254.	708.	857.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/13/71-09/12/78	11	24.	23.727	40.	6.	104.818	10.238	8.	16.	30.	40.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	26	18.	21.923	65.	5.	230.314	15.176	8.5	10.	27.75	47.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	26	334.	327.385	485.	42.	7748.246	88.024	232.4	283.75	392.5	410.5
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	28	11.7	11.668	13.8	8.1	1.295	1.138	10.72	11.	12.425	12.97
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	21	7.8	7.824	8.3	7.1	0.061	0.247	7.6	7.7	8.	8.1
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	21	7.8	7.744	8.3	7.1	0.068	0.26	7.6	7.7	8.	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	21	0.016	0.018	0.079	0.005	0.	0.015	0.008	0.01	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/03/61-09/27/72	7	131.	143.857	181.	113.	1024.81	32.013	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	14	181.5	181.286	219.	138.	840.681	28.995	139.	155.5	209.25	216.5
00445	CARBONATE ION (MG/L AS CO3)	07/27/60-10/20/71	11	0.	0.364	4.	0.	1.455	1.206	0.	0.	0.	3.2

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

Seasonal Analysis for Season #2: 2/01 to 4/15 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	15	0.18	0.183	0.31	0.05	0.006	0.079	0.068	0.12	0.26	0.298
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/27/60-07/10/79	6	0.155	0.162	0.24	0.09	0.003	0.058	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/03/61-06/11/80	13	0.15	0.164	0.37	0.06	0.009	0.092	0.06	0.09	0.23	0.334
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	15	0.1	0.123	0.2	0.04	0.003	0.052	0.052	0.08	0.18	0.194
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	15	0.04	0.044	0.12	0.01	0.001	0.029	0.016	0.02	0.06	0.096
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	14	167.	165.286	202.	120.	892.374	29.873	120.	137.5	194.25	200.5
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	14	15.5	15.929	30.	4.	64.225	8.014	4.5	9.75	22.5	29.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	14	43.	42.071	50.	32.	42.687	6.534	32.5	35.5	48.	50.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	14	14.5	14.564	20.	9.4	11.836	3.44	9.5	11.475	17.25	19.
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	14	6.85	6.736	8.1	4.9	1.332	1.154	4.9	5.875	7.825	8.
00931	SODIUM ADSORPTION RATIO	08/03/61-09/27/72	7	0.2	0.214	0.3	0.2	0.001	0.038	**	**	**	**
00932	SODIUM, PERCENT	08/03/61-09/27/72	7	8.	8.	9.	7.	0.333	0.577	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	14	2.65	2.793	4.4	1.6	0.664	0.815	1.75	2.15	3.325	4.15
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	14	2.	1.929	3.	1.	0.379	0.616	1.	1.75	2.	3.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	14	25.	25.5	38.	14.	58.115	7.623	15.	19.25	32.5	37.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	11	0.2	0.191	0.3	0.1	0.003	0.054	0.1	0.2	0.2	0.28
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	11	20.	19.455	21.	17.	1.473	1.214	17.2	19.	20.	21.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/29/60-09/27/72	6	0.	3.333	10.	0.	26.667	5.164	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/29/60-09/27/72	9	7.	34.556	170.	0.	3588.778	59.906	0.	1.	60.	170.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/21/61-09/27/72	8	0.	7.125	40.	0.	191.839	13.851	**	**	**	**
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/27/60-08/23/70	13	930.	1786.923	4600.	0.	3165623.077	1779.22	0.	430.	3500.	4600.
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	07/27/60-08/23/70	13	2.968	2.673	3.663	0.	1.555	1.247	0.	2.633	3.521	3.663
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			471.287								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	10	236.	224.5	260.	178.	839.389	28.972	179.3	193.25	245.5	259.6
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/27/60-09/27/72	11	4.1	3.818	6.6	1.2	4.102	2.025	1.22	1.4	6.2	6.56

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

Seasonal Analysis for Season #3: 4/16 to 8/14 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	50	16.9	16.682	24.8	8.1	17.906	4.231	10.58	13.575	20.	22.95
00060	FLOW, STREAM, MEAN DAILY CFS	07/27/60-08/23/70	24	253.5	409.708	1420.	46.	141013.085	375.517	71.	121.75	618.75	1095.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	26	336.	438.654	1550.	23.	136131.115	368.96	58.5	158.	666.5	982.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/13/71-09/12/78	20	10.5	12.25	27.	2.	58.829	7.67	3.	6.	17.75	25.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	49	10.	17.857	50.	0.	209.042	14.458	5.	7.5	21.5	46.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	50	290.	290.6	460.	170.	3863.061	62.154	220.5	241.75	334.25	364.7
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	49	9.1	9.129	12.	5.	1.256	1.121	8.2	8.45	9.75	10.4
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	42	7.9	7.9	8.4	7.	0.08	0.283	7.7	7.8	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	42	7.9	7.775	8.4	7.	0.096	0.31	7.7	7.8	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	42	0.013	0.017	0.1	0.004	0.	0.02	0.006	0.008	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/03/61-09/27/72	15	135.	140.	173.	105.	643.857	25.374	106.2	115.	167.	171.8
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	31	166.	168.097	211.	125.	841.757	29.013	130.	141.	197.	207.
00445	CARBONATE ION (MG/L AS CO3)	07/27/60-10/20/71	24	0.	0.208	3.	0.	0.52	0.721	0.	0.	0.	1.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	26	0.08	0.089	0.22	0.01	0.003	0.054	0.027	0.048	0.11	0.189
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/27/60-07/10/79	16	0.145	0.144	0.25	0.01	0.004	0.065	0.052	0.093	0.19	0.229
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/03/61-06/11/80	22	0.06	0.074	0.21	0.	0.003	0.055	0.03	0.03	0.105	0.171
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	26	0.065	0.072	0.13	0.03	0.001	0.028	0.04	0.058	0.091	0.12
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	26	0.02	0.021	0.07	0.005	0.	0.014	0.01	0.01	0.03	0.04
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	31	140.	142.613	182.	108.	623.178	24.964	110.	118.	167.	175.2
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	31	5.	4.871	10.	0.	8.449	2.907	0.4	2.	7.	9.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	31	38.	37.839	48.	29.	34.406	5.866	30.2	32.	44.	44.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	31	11.	11.723	16.	8.2	7.	2.646	8.3	9.1	15.	15.
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	31	5.	5.265	7.9	4.	1.151	1.073	4.02	4.2	6.1	6.76
00931	SODIUM ADSORPTION RATIO	08/03/61-09/27/72	14	0.2	0.2	0.2	0.2	0.	0.	0.2	0.2	0.2	0.2
00932	SODIUM, PERCENT	08/03/61-09/27/72	14	7.	7.071	8.	6.	0.379	0.616	6.	7.	7.25	8.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	31	2.	2.187	3.2	1.4	0.328	0.573	1.42	1.8	2.7	3.1

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

Seasonal Analysis for Season #3: 4/16 to 8/14 - Station CODA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	31	1.	1.216	3.	0.	0.476	0.69	0.5	0.8	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	31	14.	14.581	22.	9.	10.652	3.264	10.2	12.	17.	19.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	24	0.2	0.167	0.2	0.	0.003	0.056	0.1	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	24	18.	17.542	21.	14.	3.998	2.	14.5	16.	19.	20.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/29/60-09/27/72	10	0.	1.1	10.	0.	9.878	3.143	0.	0.	0.25	9.1
01040	COPPER, DISSOLVED (UG/L AS CU)	09/29/60-09/27/72	12	1.5	19.417	170.	0.	2446.083	49.458	0.	0.25	3.5	134.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/21/61-09/27/72	12	10.	22.5	140.	0.	1565.909	39.572	0.	0.	27.5	110.
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/27/60-08/23/70	24	930.	4229.583	46000.	40.	95140038.949	9753.976	170.	430.	1475.	13000.
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	07/27/60-08/23/70	24	2.968	3.025	4.663	1.602	0.485	0.696	2.202	2.633	3.169	4.109
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			1059.813								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	24	183.	180.333	216.	141.	647.536	25.447	144.5	153.75	204.	211.5
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/27/60-09/27/72	25	0.7	0.652	1.	0.1	0.045	0.212	0.36	0.55	0.8	0.9

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

Station Inventory for Station: CODA0155

NPS Station ID: CODA0155
LAT/LON: 48.594449/-118.061392
Agency: 21540000
Date Created: / /
Location: COLVILLE RIVER AT KETTLE FALLS
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 59A070 /6559A070 /12409000 /541027
RMI-Indexes: 1310001 007100
Within Park Boundary: No
RMI-Miles: 0695.00 0005.00
HUC: 17020003
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLUMBIA (COLVILLE-59)
ECO Region:
RF1 Index: 17020003001
RF1 Mile Point: 2.980
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
LOCATED 5.0 MILES FROM THE MOUTH OF THE COLVILLE RIVER .5 MILES SOUTH OF KETTLE FALLS AT THE USGS GAGING STATION JUST BELOW MEYERS FALLS AND THE POWER PLANT NORTH EASTERN REGION
7.5 QUAD- KETTLE FALLS

Parameter Inventory for Station: CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	238	10.25	10.603	24.8	0.	44.099	6.641	2.09	4.5	16.8	19.41
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	219	201.	326.201	1580.	23.	92272.262	303.763	81.	119.	419.	738.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/25/77-09/12/78	9	146.	287.222	950.	48.	94108.194	306.771	48.	79.5	474.	950.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	152	16.	22.717	140.	2.	486.045	22.046	4.	6.25	29.25	55.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	192	17.	21.148	130.	0.	347.712	18.647	5.	10.	28.5	44.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	241	335.	320.51	490.	36.	3831.251	61.897	235.6	277.5	358.5	384.8
00105	RIVER MILE, UPSTREAM END OF REACH	11/10/71-11/10/71	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	238	10.35	10.41	13.9	5.	2.749	1.658	8.2	9.175	11.8	12.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	128	97.6	97.057	111.7	68.2	34.776	5.897	90.38	93.225	100.8	104.
00310	BOD, 5 DAY, 20 DEG C MG/L	04/26/72-04/26/72	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	221	8.	7.963	8.7	6.6	0.093	0.304	7.6	7.8	8.2	8.3
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	221	8.	7.817	8.7	6.6	0.114	0.338	7.6	7.8	8.2	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	221	0.01	0.015	0.251	0.002	0.	0.022	0.005	0.006	0.016	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/17/64-09/27/72	26	162.5	150.808	185.	105.	689.682	26.262	111.2	128.75	171.75	179.3
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	85	200.	187.235	226.	125.	820.706	28.648	139.2	165.	209.	214.4
00445	CARBONATE ION (MG/L AS CO3)	07/27/60-08/23/70	43	0.	0.465	10.	0.	2.874	1.695	0.	0.	0.	1.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	119	14.	23.193	184.	2.	657.225	25.636	5.	8.	29.	49.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	169	0.06	0.086	0.49	0.005	0.006	0.076	0.02	0.035	0.115	0.18
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/88-11/07/90	26 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.013
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	90 ##	0.005	0.009	0.05	0.	0.	0.007	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	136	0.23	0.437	4.3	0.02	0.418	0.647	0.107	0.143	0.473	0.865
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/71-09/27/72	17	0.36	0.364	0.92	0.12	0.036	0.191	0.136	0.215	0.44	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	86	0.16	0.289	1.4	0.005	0.1	0.317	0.05	0.09	0.39	0.646
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/02/64-09/21/65	5	0.25	0.288	0.51	0.19	0.016	0.127	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/27/60-06/19/64	43	0.19	0.192	0.47	0.01	0.008	0.089	0.084	0.13	0.22	0.314
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	169	0.07	0.077	0.2	0.005	0.001	0.037	0.04	0.05	0.1	0.12
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	171	0.03	0.037	0.16	0.	0.001	0.023	0.01	0.02	0.05	0.07
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	86	170.	161.291	202.	108.	632.75	25.155	118.	141.5	178.25	188.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	84	6.	7.405	30.	0.	40.702	6.38	2.	3.25	9.	15.5
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	85	43.	41.4	50.	29.	30.481	5.521	32.	38.	45.	47.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	85	15.	13.968	20.	8.2	8.131	2.852	9.22	12.	16.	17.

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

Parameter Inventory for Station: CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	85	6.3	6.038	8.1	4.	1.204	1.097	4.26	5.05	6.75	7.44
00931	SODIUM ADSORPTION RATIO	03/17/64-09/27/72	23	0.2	0.2	0.2	0.2	0.	0.	0.2	0.2	0.2	0.2
00932	SODIUM, PERCENT	03/17/64-09/27/72	23	7.	7.391	9.	6.	0.522	0.722	6.4	7.	8.	8.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	85	2.5	2.548	5.1	1.4	0.449	0.67	1.66	2.	3.1	3.24
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	85	2.	1.712	6.	0.	0.627	0.792	0.8	1.	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	84	17.	18.095	38.	9.	35.581	5.965	12.	14.	20.	27.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	68	0.2	0.185	0.3	0.	0.003	0.053	0.1	0.2	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	68	2.1	8.326	21.	1.5	61.226	7.825	1.69	1.9	17.	19.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/17/64-08/11/68	7	0.	0.	0.	0.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/64-03/22/64	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/29/60-03/17/68	13	0.02	28.861	115.	0.	2183.062	46.723	0.	0.	75.	113.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/17/64-09/27/72	19	0.	1.105	10.	0.	9.877	3.143	0.	0.	0.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/22/64-03/22/64	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/22/64-11/17/71	7	0.01	2.144	7.	0.	8.469	2.91	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/17/64-09/27/72	25	2.	20.72	170.	0.	2035.127	45.112	0.	1.	10.	102.
01042	COPPER, TOTAL (UG/L AS CU)	03/22/64-03/22/64	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/27/60-09/21/65	46	240.	372.615	2000.	0.3	155623.633	394.492	90.	160.	452.5	865.
01049	LEAD, DISSOLVED (UG/L AS PB)	10/13/71-09/27/72	17	2.	5.882	56.	0.	170.485	13.057	0.	2.	5.	16.8
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/17/68-08/11/68	2	150.	150.	160.	140.	200.	14.142	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/17/64-09/27/72	24	8.5	19.042	180.	0.	1384.65	37.211	0.	0.	27.5	40.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	03/17/68-08/11/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/11/68-02/15/70	6	1215.	1650.	4600.	40.	2777280.	1666.517	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/11/68-02/15/70	6	3.072	2.904	3.663	1.602	0.53	0.728	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			801.393								
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	10/13/71-08/19/75	21	700.	1143.381	8000.	140.	2906542.048	1704.858	191.2	360.	1200.	2720.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	10/13/71-08/19/75	21	2.845	2.833	3.903	2.146	0.168	0.409	2.276	2.554	3.065	3.423
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			681.242								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/27/60-08/23/70	44	930.	4963.045	46000.	0.	104867028.416	10240.46	155.	430.	4050.	13000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/27/60-08/23/70	44	2.968	3.088	4.663	0.	0.677	0.823	2.171	2.633	3.592	4.109
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1223.509								
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	03/17/64-11/11/68	17	930.	1490.	4600.	0.	2497937.5	1580.486	168.	430.	1950.	4600.
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	03/17/64-11/11/68	17	2.968	2.834	3.663	0.	0.699	0.836	1.858	2.633	3.278	3.663
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			682.655								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	120	60.	89.075	650.	4.	10853.162	104.179	15.	30.25	100.	179.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	120	1.778	1.745	2.813	0.602	0.189	0.435	1.176	1.481	2.	2.253
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			55.579								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	68	209.5	203.147	260.	141.	722.277	26.875	158.3	191.5	216.75	236.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/68-08/11/68	1	200.	200.	200.	200.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/17/64-11/11/68	7	125.	130.029	247.	24.8	5391.766	73.429	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/17/64-11/11/68	7	0.27	0.273	0.35	0.23	0.002	0.042	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/17/64-11/11/68	19	1.2	1.816	6.6	0.4	2.688	1.64	0.5	0.8	2.6	4.3
71885	IRON (UG/L AS FE)	07/15/65-07/15/65	1	210.	210.	210.	210.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/13/71-09/27/72	17	0.5	0.559	2.3	0.1	0.256	0.506	0.1	0.2	0.7	1.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/13/86-11/07/90	45	4.	6.611	41.	0.5	57.066	7.554	1.76	2.75	7.5	14.8

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

EPA Water Quality Criteria Analysis for Station: CODA0155

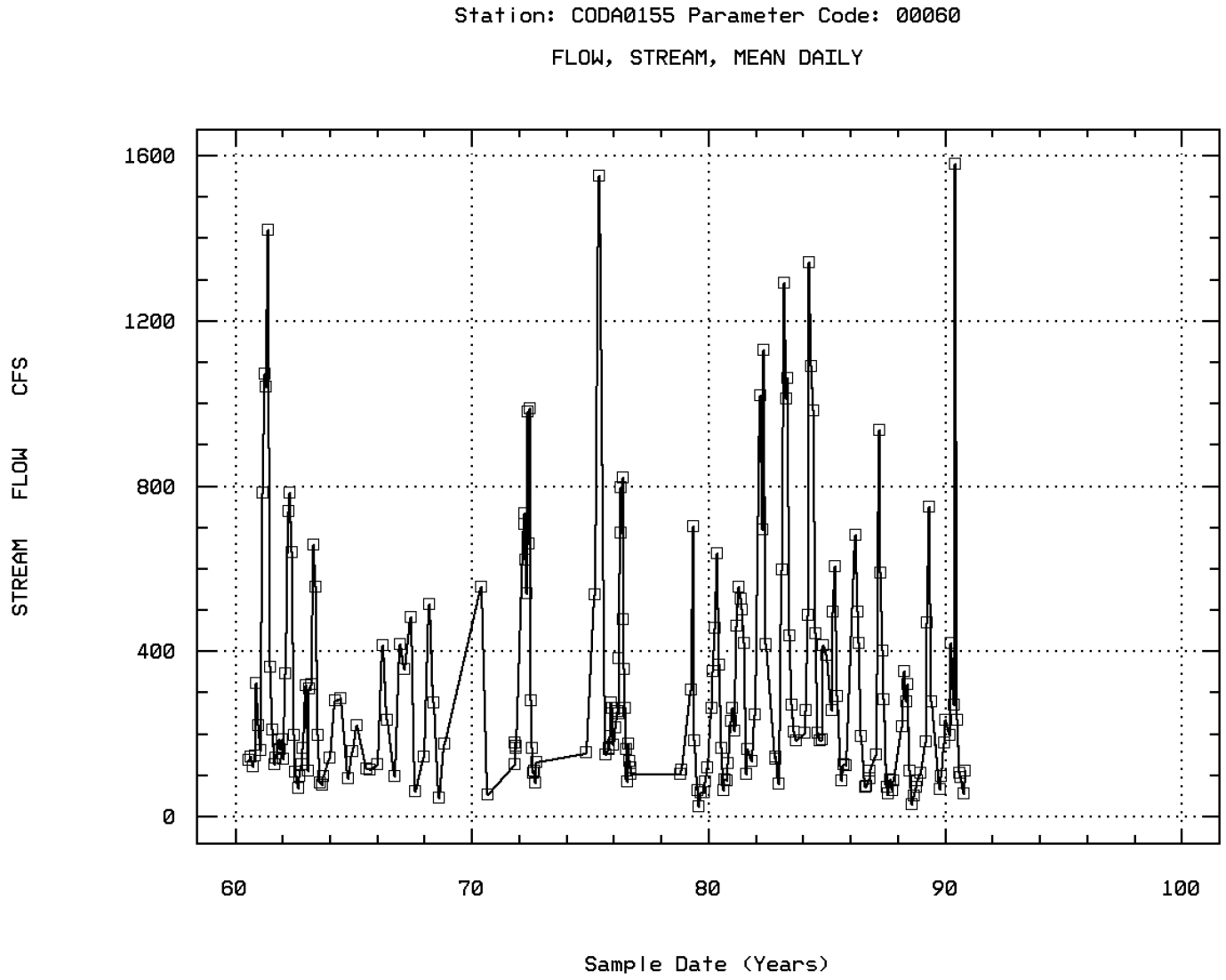
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	152	16	0.11	63	3	0.05	32	10	0.31	57	3	0.05			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	238	0	0.00	96	0	0.00	53	0	0.00	89	0	0.00			
00400	PH	Other-Hi Lim.	9.	221	0	0.00	93	0	0.00	46	0	0.00	82	0	0.00			
		Other-Lo Lim.	6.5	221	0	0.00	93	0	0.00	46	0	0.00	82	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	26	0	0.00	12	0	0.00	4	0	0.00	10	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	90	0	0.00	36	0	0.00	20	0	0.00	34	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	136	0	0.00	57	0	0.00	29	0	0.00	50	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	86	0	0.00	34	0	0.00	19	0	0.00	33	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	85	0	0.00	39	0	0.00	16	0	0.00	30	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

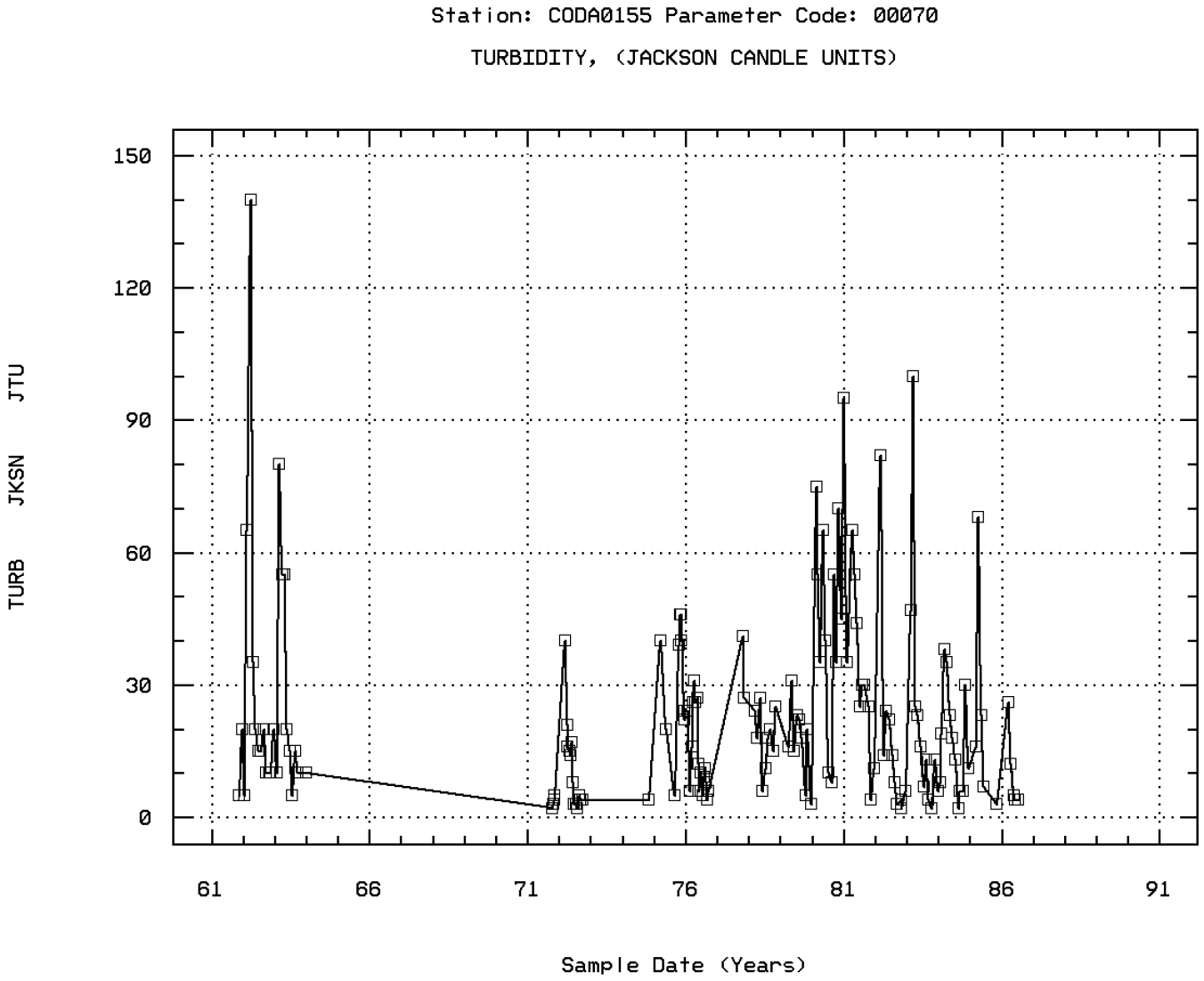
EPA Water Quality Criteria Analysis for Station: CODA0155

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	84	0	0.00	38	0	0.00	16	0	0.00	30	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	50.	7	0	0.00	2	0	0.00	3	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						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	19	0	0.00	5	0	0.00	6	0	0.00	8	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.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	25	5	0.20	9	2	0.22	7	2	0.29	9	1	0.11			
		Drinking Water	1300.	25	0	0.00	9	0	0.00	7	0	0.00	9	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.	17	0	0.00	7	0	0.00	3	0	0.00	7	0	0.00			
		Drinking Water	5.	17	5	0.29	7	1	0.14	3	2	0.67	7	2	0.29			
01090	ZINC, DISSOLVED	Fresh Acute	120.	24	1	0.04	9	1	0.11	6	0	0.00	9	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6	3	0.50	2	1	0.50	2	2	1.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	44	19	0.43	23	11	0.48	7	3	0.43	14	5	0.36			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	17	5	0.29	5	2	0.40	5	2	0.40	7	1	0.14			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	120	11	0.09	44	2	0.05	26	4	0.15	50	5	0.10			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	19	0	0.00	8	0	0.00	4	0	0.00	7	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	17	0	0.00	7	0	0.00	3	0	0.00	7	0	0.00			
		Drinking Water	2.	17	1	0.06	7	0	0.00	3	1	0.33	7	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	45	0	0.00	18	0	0.00	10	0	0.00	17	0	0.00			

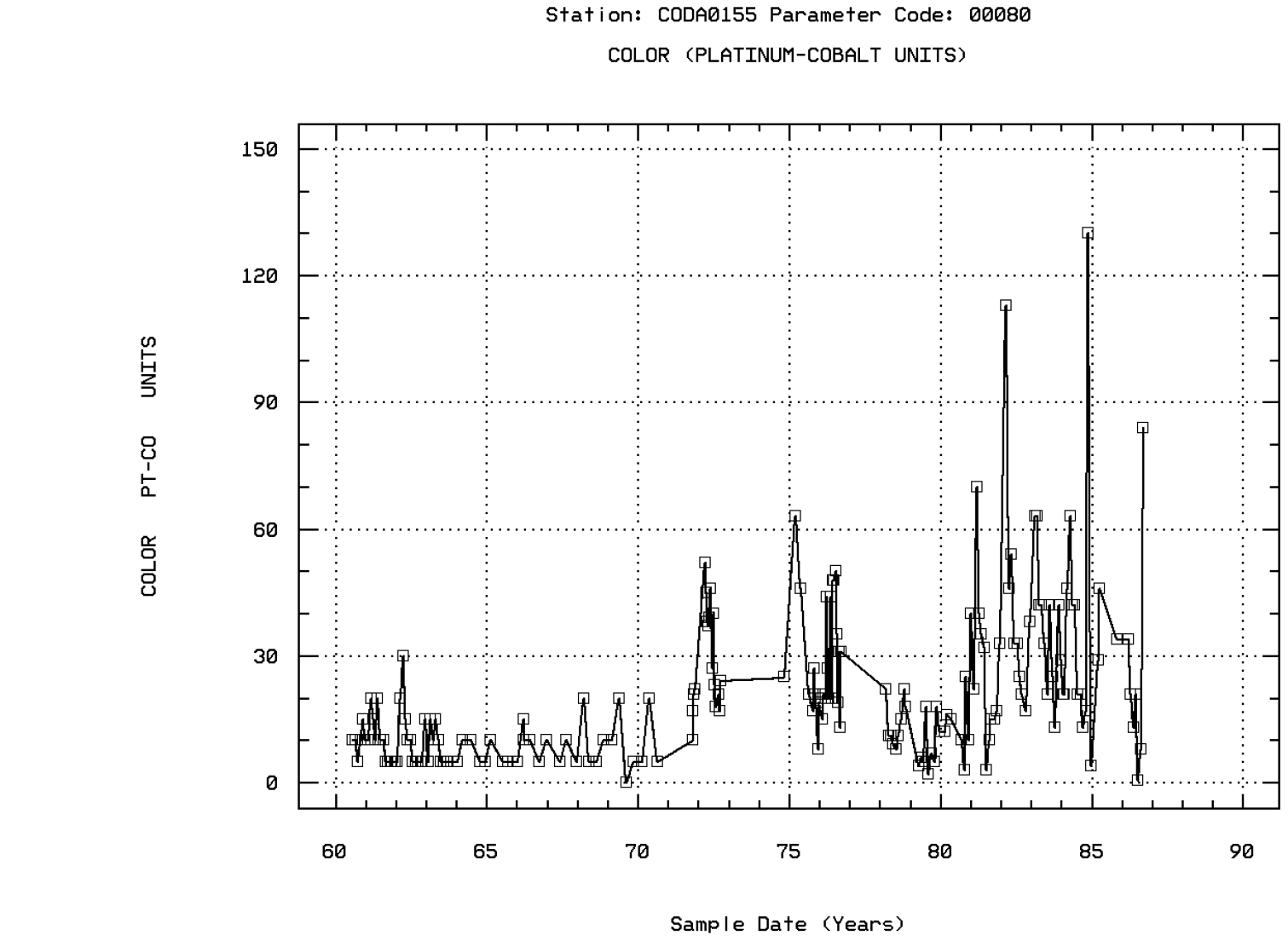
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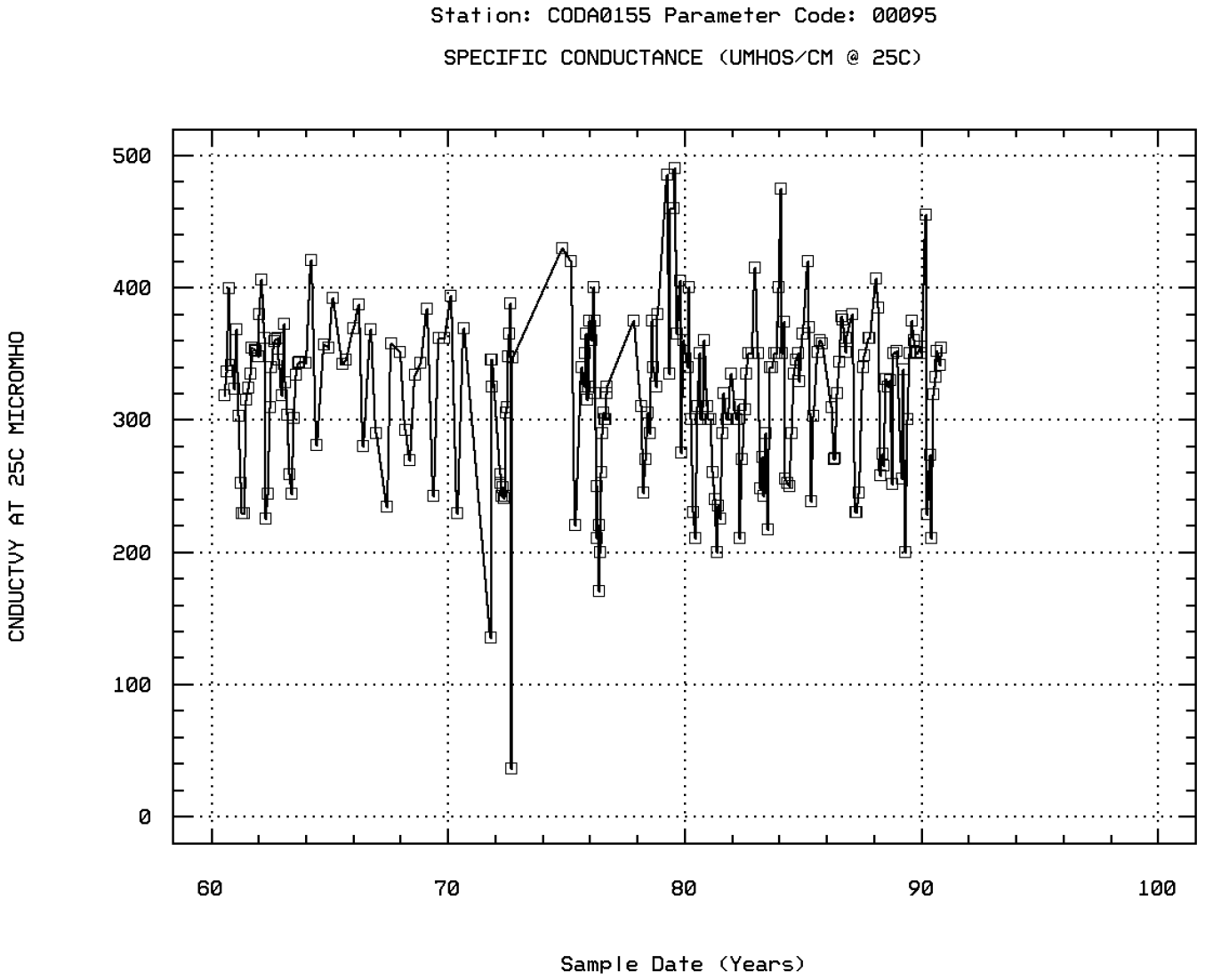
COLVILLE RIVER AT KETTLE FALLS



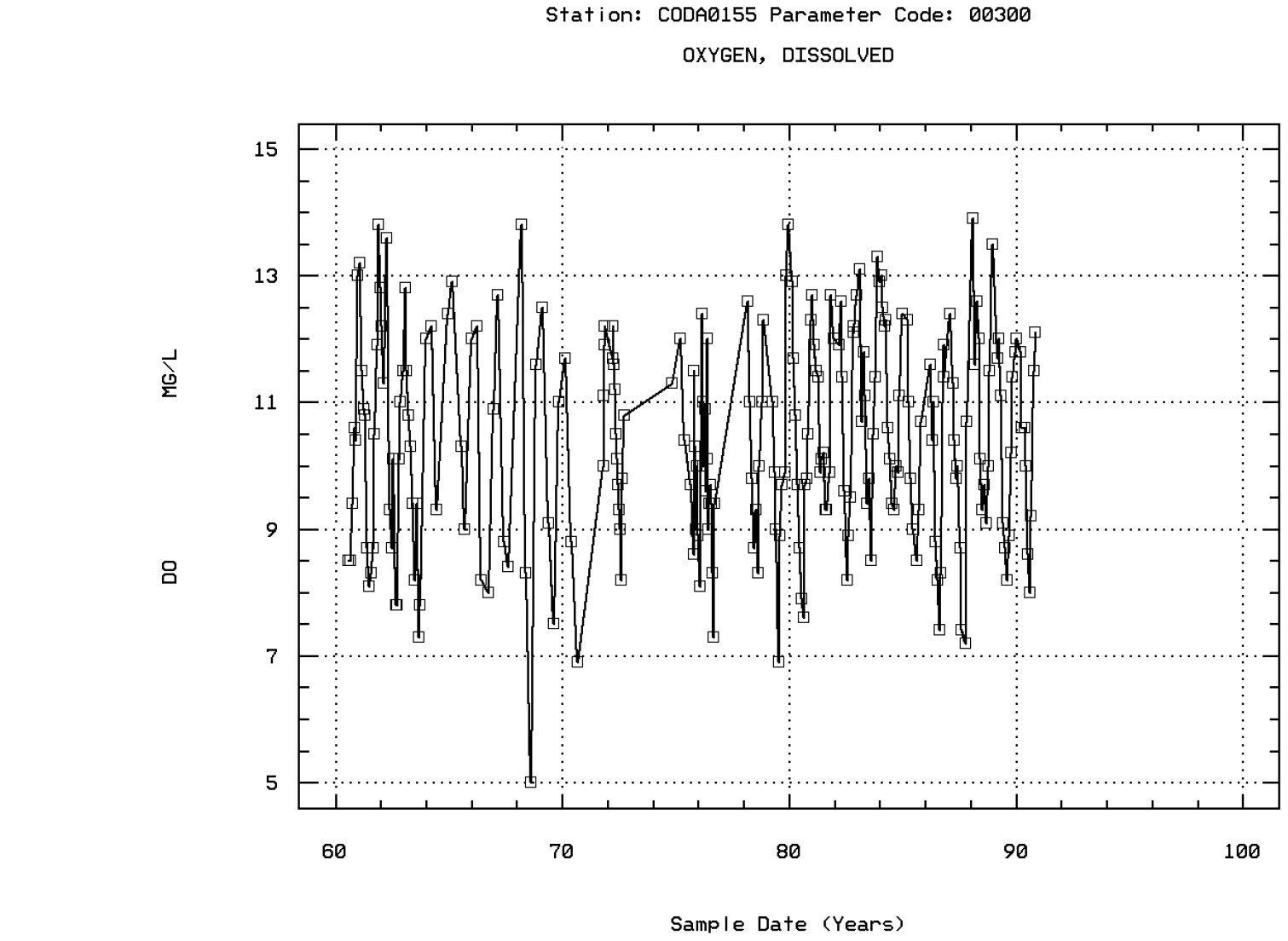
COLVILLE RIVER AT KETTLE FALLS



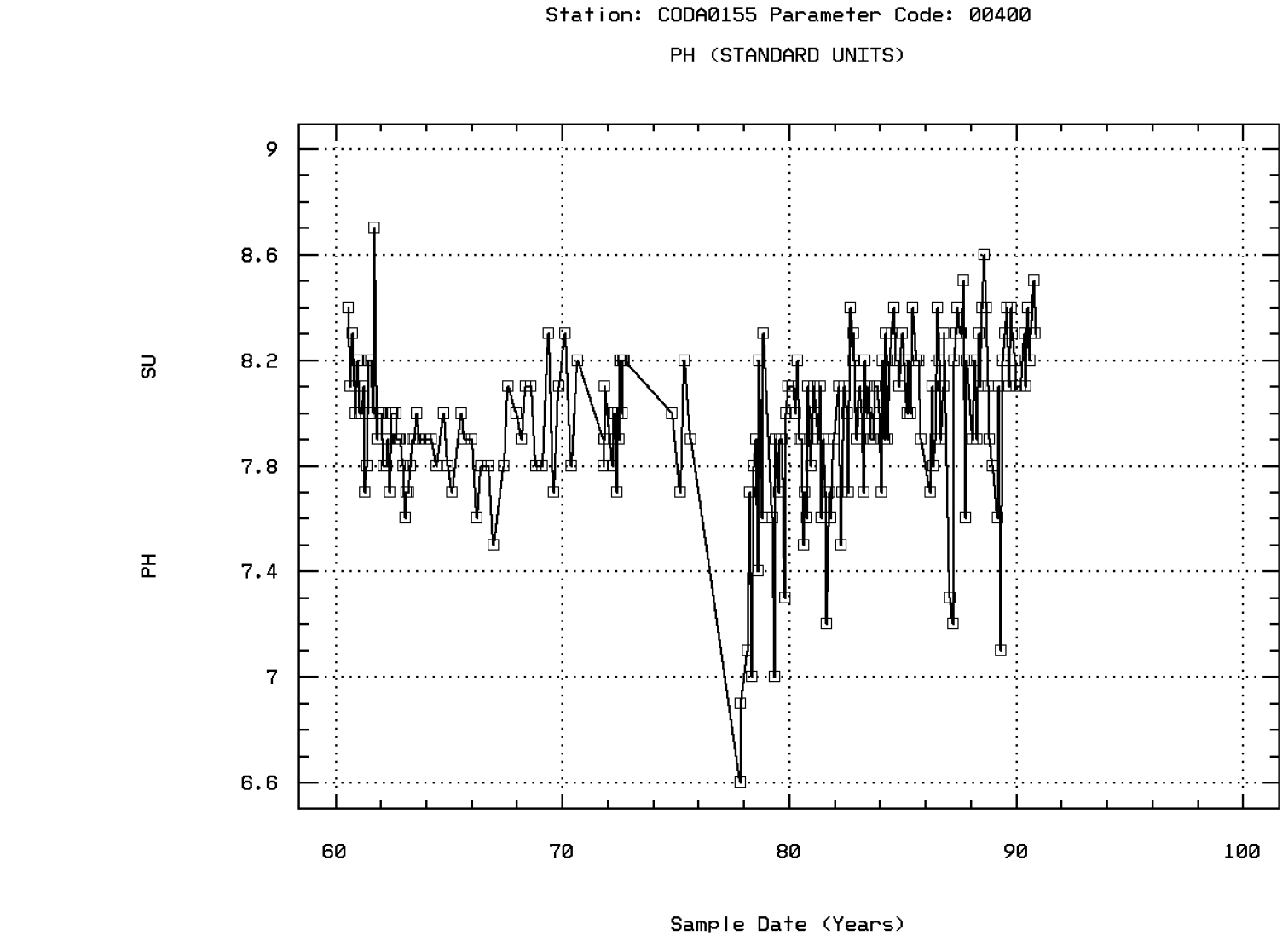
COLVILLE RIVER AT KETTLE FALLS



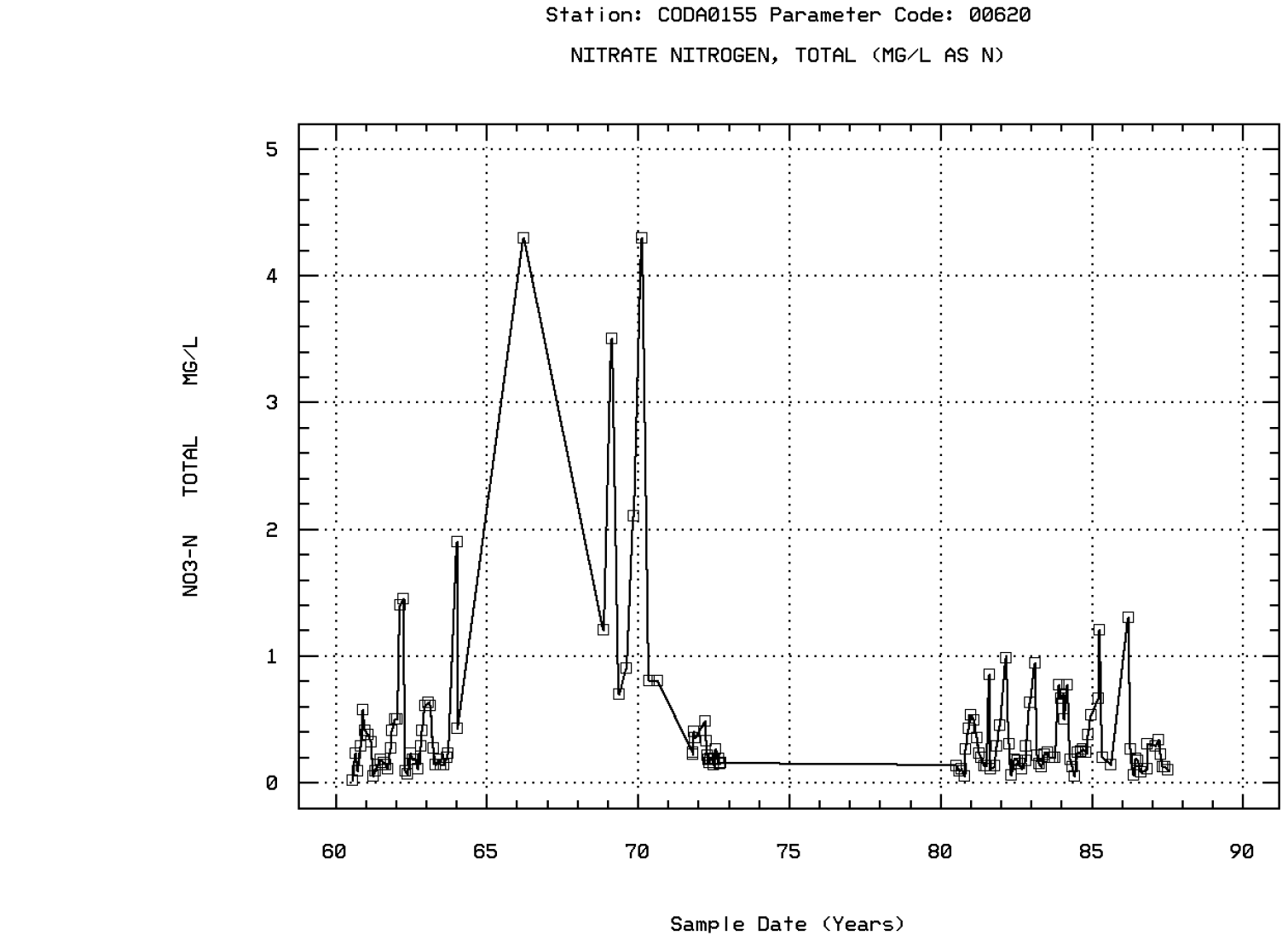
COLVILLE RIVER AT KETTLE FALLS



COLVILLE RIVER AT KETTLE FALLS



COLVILLE RIVER AT KETTLE FALLS



COLVILLE RIVER AT KETTLE FALLS

Annual Analysis for 1960 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	6	10.25	9.75	21.	1.	60.575	7.783	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	6	146.5	182.	322.	120.	5887.6	76.731	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	6	10.	10.	15.	5.	10.	3.162	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	6	338.5	343.	399.	318.	843.6	29.045	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	6	9.9	10.067	13.	8.5	2.871	1.694	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	6	8.15	8.183	8.4	8.	0.022	0.147	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	6	8.147	8.163	8.4	8.	0.022	0.149	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	6	0.007	0.007	0.01	0.004	0.	0.002	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	6	196.	197.5	209.	188.	84.3	9.182	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	6	0.26	0.268	0.57	0.02	0.041	0.203	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	6	168.5	170.	177.	164.	24.8	4.98	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	6	6.5	7.167	14.	4.	12.567	3.545	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	6	43.5	43.5	45.	42.	1.1	1.049	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	6	15.	15.	16.	14.	0.8	0.894	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	6	5.9	5.767	6.2	5.	0.203	0.45	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	6	2.35	2.433	3.1	1.9	0.255	0.505	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	6	2.	1.833	2.	1.	0.167	0.408	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	6	16.5	17.167	23.	15.	8.967	2.994	**	**	**	**

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

Annual Analysis for 1961 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	12	10.35	10.092	24.	0.	71.723	8.469	0.03	1.375	18.875	22.86
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	12	198.5	487.333	1420.	127.	212494.061	460.971	131.2	160.5	975.5	1315.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	2	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	12	10.	10.	20.	5.	31.818	5.641	5.	5.	13.75	20.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	12	329.5	313.5	368.	229.	2508.273	50.083	229.	264.75	352.75	363.8
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	12	10.85	10.767	13.8	8.1	3.901	1.975	8.16	8.7	12.575	13.62
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	12	8.	8.05	8.7	7.7	0.063	0.25	7.73	7.925	8.175	8.55
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	12	8.	7.997	8.7	7.7	0.066	0.257	7.73	7.925	8.175	8.55
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	12	0.01	0.01	0.02	0.002	0.	0.005	0.003	0.007	0.012	0.019
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	12	192.5	181.167	209.	130.	899.606	29.993	131.2	149.5	206.75	208.7
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	12	0.17	0.229	0.5	0.05	0.021	0.144	0.062	0.118	0.365	0.473
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	12	167.	156.583	184.	111.	662.265	25.735	111.9	132.5	175.75	181.6
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	12	5.	6.833	18.	2.	23.061	4.802	2.3	4.	8.75	16.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	12	43.5	41.	48.	31.	35.636	5.97	31.3	34.25	45.75	47.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	12	14.5	13.2	16.	8.2	7.782	2.79	8.2	11.25	15.	16.
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	12	6.2	5.8	6.6	4.2	0.727	0.853	4.32	4.85	6.375	6.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	12	2.2	2.242	3.1	1.5	0.27	0.52	1.53	1.775	2.7	3.04
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	12	1.	1.192	2.	0.	0.441	0.664	0.15	0.85	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	12	16.5	16.667	23.	12.	10.606	3.257	12.3	14.25	17.75	22.7

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Annual Analysis for 1962 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	12	13.65	11.908	20.5	0.5	49.688	7.049	1.19	6.	18.375	20.2
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	12	180.	310.167	783.	68.	69070.333	262.812	76.4	112.25	566.5	769.5
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	12	17.5	30.417	140.	5.	1447.538	38.047	6.5	10.	31.25	117.5
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	12	7.5	10.833	30.	5.	62.879	7.93	5.	5.	15.	27.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	12	352.	334.25	406.	225.	2840.023	53.292	230.7	311.25	362.	398.2
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	11	10.1	10.309	13.6	7.8	3.357	1.832	7.8	8.7	11.5	13.32

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Annual Analysis for 1962 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	12	7.9	7.892	8.	7.7	0.01	0.1	7.73	7.8	8.	8.
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	12	7.9	7.881	8.	7.7	0.01	0.1	7.73	7.8	8.	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	12	0.013	0.013	0.02	0.01	0.	0.003	0.01	0.01	0.016	0.019
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	12	203.	189.333	218.	125.	898.788	29.98	129.8	179.	211.5	216.8
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	12	0.26	0.46	1.45	0.07	0.231	0.481	0.076	0.128	0.583	1.435
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	12	170.5	164.333	199.	108.	709.152	26.63	111.	156.5	178.5	195.7
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	12	7.	9.167	30.	0.	86.697	9.311	0.	2.5	12.75	28.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	12	44.	42.5	50.	29.	39.182	6.26	29.9	40.25	46.	49.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	12	15.	14.067	18.	8.5	7.753	2.784	8.74	13.	16.	17.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	12	6.75	6.533	7.9	4.2	1.212	1.101	4.38	6.025	7.3	7.84
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	12	2.85	2.758	3.4	1.8	0.232	0.481	1.83	2.625	3.075	3.34
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	12	2.	1.808	3.	0.2	0.732	0.855	0.29	1.25	2.	3.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	12	17.	19.667	38.	12.	66.97	8.184	12.	14.5	20.75	36.8

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Annual Analysis for 1963 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	10	13.05	11.57	20.	0.	52.336	7.234	0.4	4.	17.9	19.91
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	10	169.	254.5	658.	76.	42585.167	206.362	76.6	93.25	378.5	647.6
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	10	15.	27.5	80.	5.	673.611	25.954	5.5	10.	55.	77.5
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	10	5.	8.	15.	5.	17.778	4.216	5.	5.	11.25	15.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	10	331.	317.2	372.	244.	1625.956	40.323	245.5	290.5	343.25	369.2
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	10	9.85	9.95	12.8	7.3	3.432	1.852	7.35	8.1	11.625	12.72
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	10	7.9	7.83	8.	7.6	0.016	0.125	7.61	7.7	7.9	7.99
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	10	7.9	7.813	8.	7.6	0.016	0.126	7.61	7.7	7.9	7.99
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	10	0.013	0.015	0.025	0.01	0.	0.005	0.01	0.013	0.02	0.025
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	10	192.	186.9	222.	143.	685.211	26.177	143.5	166.75	207.	220.8
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	10	0.215	0.297	0.63	0.14	0.037	0.191	0.14	0.14	0.475	0.628
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	10	167.	160.2	191.	120.	469.511	21.668	121.	146.5	173.75	189.5
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	10	6.5	7.	12.	3.	8.667	2.944	3.1	4.	9.25	11.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	10	42.	40.8	49.	33.	23.067	4.803	33.1	37.	44.	48.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	10	15.	14.21	17.	9.1	6.508	2.551	9.29	12.5	16.25	17.
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	10	6.1	5.92	7.3	4.2	0.986	0.993	4.27	5.05	6.825	7.26
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	10	2.65	2.64	3.2	1.9	0.205	0.453	1.92	2.25	3.125	3.2
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	10	2.	1.58	2.	0.8	0.297	0.545	0.82	1.	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	10	17.	16.9	23.	10.	13.656	3.695	10.4	14.	20.	22.7

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Annual Analysis for 1964 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	3	3.	6.667	16.	1.	66.333	8.145	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	5	158.	191.4	285.	92.	7511.8	86.671	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	5	5.	7.	10.	5.	7.5	2.739	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	5	354.	351.2	421.	281.	2477.2	49.771	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	4	12.1	11.475	12.4	9.3	2.129	1.459	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	5	7.9	7.88	8.	7.8	0.007	0.084	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	5	7.9	7.874	8.	7.8	0.007	0.084	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	5	0.013	0.013	0.016	0.01	0.	0.002	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	5	206.	200.6	219.	164.	465.3	21.571	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	5	176.	173.8	202.	140.	497.2	22.298	**	**	**	**

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Annual Analysis for 1964 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	5	6.	9.2	22.	5.	51.7	7.19	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	5	44.	43.2	48.	38.	13.2	3.633	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	5	16.	16.	20.	11.	10.5	3.24	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	5	6.2	6.1	8.1	4.5	1.955	1.398	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	5	3.4	3.6	5.1	2.5	0.96	0.98	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	5	2.	1.7	2.	0.5	0.45	0.671	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	5	18.	20.	32.	13.	51.5	7.176	**	**	**	**

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Annual Analysis for 1965 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	3	2.	8.333	23.	0.	162.333	12.741	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	4	121.	143.75	220.	113.	2614.917	51.136	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	4	5.	6.25	10.	5.	6.25	2.5	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	4	357.	362.	392.	342.	546.	23.367	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	4	11.15	11.05	12.9	9.	3.03	1.741	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	4	7.9	7.875	8.	7.7	0.016	0.126	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	4	7.9	7.861	8.	7.7	0.016	0.127	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	4	0.013	0.014	0.02	0.01	0.	0.004	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	4	209.	207.25	214.	197.	58.25	7.632	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	4	175.5	179.25	194.	172.	103.583	10.178	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	4	7.	9.	18.	4.	44.	6.633	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	4	44.	44.75	48.	43.	4.917	2.217	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	4	16.5	16.5	18.	15.	1.667	1.291	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	4	6.3	6.675	7.8	6.3	0.563	0.75	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	4	3.15	3.175	4.4	2.	0.963	0.981	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	4	2.	2.	3.	1.	0.667	0.816	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	4	19.5	20.25	27.	15.	26.25	5.123	**	**	**	**

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Annual Analysis for 1966 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	4	11.5	11.375	17.5	5.	46.229	6.799	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	5	414.	314.6	417.	96.	21213.8	145.65	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	6	10.	10.833	15.	5.	14.167	3.764	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	5	368.	342.4	387.	280.	2818.3	53.088	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	5	10.9	10.3	12.2	8.	4.32	2.078	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	5	7.6	7.66	7.8	7.5	0.018	0.134	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	5	7.6	7.644	7.8	7.5	0.018	0.135	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	5	0.025	0.023	0.032	0.016	0.	0.007	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	5	196.	186.6	218.	157.	615.8	24.815	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	5	180.	168.	188.	142.	574.	23.958	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	5	14.	15.6	28.	2.	146.8	12.116	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	5	44.	42.4	47.	37.	25.8	5.079	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	5	17.	15.	17.	12.	7.5	2.739	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	5	7.3	6.52	7.5	5.	1.382	1.176	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	5	3.1	2.86	3.3	2.3	0.188	0.434	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	5	2.	1.8	2.	1.	0.2	0.447	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	5	22.	25.2	36.	14.	105.2	10.257	**	**	**	**

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Annual Analysis for 1967 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	3	17.	14.833	24.5	3.	119.083	10.913	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	4	250.	260.25	481.	60.	37312.917	193.166	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	3	5.	6.667	10.	5.	8.333	2.887	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	3	351.	314.333	358.	234.	4852.333	69.659	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	3	8.8	9.967	12.7	8.4	5.643	2.376	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	3	8.	7.967	8.1	7.8	0.023	0.153	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	3	8.	7.948	8.1	7.8	0.024	0.154	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	3	0.01	0.011	0.016	0.008	0.	0.004	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	3	207.	185.667	208.	142.	1430.333	37.82	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	3	176.	156.667	176.	118.	1121.333	33.486	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	3	6.	5.	7.	2.	7.	2.646	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	3	44.	40.	44.	32.	48.	6.928	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	3	16.	13.767	16.	9.3	14.963	3.868	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	3	6.3	6.067	7.9	4.	3.843	1.96	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	3	2.9	2.467	3.1	1.4	0.863	0.929	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	3	1.	1.5	3.	0.5	1.75	1.323	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	3	20.	17.333	20.	12.	21.333	4.619	**	**	**	**

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Annual Analysis for 1968 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	4	8.	10.75	24.	3.	86.25	9.287	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	4	225.	252.5	514.	46.	39179.	197.937	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	4	7.5	10.	20.	5.	50.	7.071	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	4	313.	309.5	343.	269.	1223.	34.971	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	4	9.95	9.675	13.8	5.	14.823	3.85	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	4	8.	7.975	8.1	7.8	0.022	0.15	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	4	7.989	7.955	8.1	7.8	0.023	0.152	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	4	0.01	0.011	0.016	0.008	0.	0.004	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	4	177.	178.25	199.	160.	426.25	20.646	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	4	153.5	152.75	169.	135.	314.917	17.746	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	4	7.5	6.75	9.	3.	8.25	2.872	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	4	39.	39.	42.	36.	12.	3.464	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	4	13.5	13.5	16.	11.	5.667	2.38	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	4	6.4	6.025	6.4	4.9	0.563	0.75	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	4	2.75	2.7	3.3	2.	0.367	0.606	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	4	2.	1.725	2.	0.9	0.303	0.55	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	4	19.5	18.75	22.	14.	12.917	3.594	**	**	**	**

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Annual Analysis for 1969 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	4	10.	9.75	17.	2.	70.25	8.382	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	4	7.5	8.75	20.	0.	72.917	8.539	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	4	362.	337.5	384.	242.	4161.	64.506	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	4	10.05	10.025	12.5	7.5	4.769	2.184	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	4	7.95	7.975	8.3	7.7	0.076	0.275	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	4	7.925	7.914	8.3	7.7	0.081	0.284	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	4	0.012	0.012	0.02	0.005	0.	0.007	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	4	209.5	192.25	214.	136.	1412.25	37.58	**	**	**	**

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Annual Analysis for 1969 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	4	1.5	1.8	3.5	0.7	1.667	1.291	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	4	181.5	167.	188.	117.	1120.667	33.476	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	4	7.5	8.5	17.	2.	40.333	6.351	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	4	46.5	43.25	48.	32.	56.917	7.544	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	4	15.5	14.25	17.	9.	12.917	3.594	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	4	6.8	6.45	7.9	4.3	2.383	1.544	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	4	2.4	2.3	2.6	1.8	0.127	0.356	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	4	2.	1.75	2.	1.	0.25	0.5	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	4	17.5	18.75	29.	11.	56.25	7.5	**	**	**	**

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Annual Analysis for 1970 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	3	16.	13.333	21.	3.	86.333	9.292	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	2	303.5	303.5	555.	52.	126504.5	355.675	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	3	5.	10.	20.	5.	75.	8.66	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	3	369.	330.667	394.	229.	7908.333	88.929	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	3	8.8	9.133	11.7	6.9	5.843	2.417	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	3	8.2	8.1	8.3	7.8	0.07	0.265	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	3	8.2	8.043	8.3	7.8	0.075	0.274	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	3	0.006	0.009	0.016	0.005	0.	0.006	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	3	213.	186.667	216.	131.	2326.333	48.232	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	3	0.8	1.967	4.3	0.8	4.083	2.021	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	3	179.	161.	195.	109.	2092.	45.738	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	3	2.	6.	14.	2.	48.	6.928	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	3	45.	41.667	50.	30.	108.333	10.408	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	3	16.	13.767	17.	8.3	22.663	4.761	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	3	7.4	6.467	7.7	4.3	3.543	1.882	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	3	2.3	2.6	3.7	1.8	0.97	0.985	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	3	2.	1.6	2.	0.8	0.48	0.693	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	3	18.	19.	27.	12.	57.	7.55	**	**	**	**

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Annual Analysis for 1971 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	4	5.15	5.975	10.2	3.4	9.496	3.082	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	4	167.	159.75	178.	127.	509.583	22.574	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	4	3.5	3.5	5.	2.	1.667	1.291	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	4	19.	17.5	22.	10.	29.667	5.447	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	4	335.	287.5	345.	135.	10425.	102.103	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	4	11.5	11.3	12.2	10.	0.967	0.983	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	4	7.9	7.925	8.1	7.8	0.016	0.126	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	4	7.9	7.912	8.1	7.8	0.016	0.127	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	4	0.013	0.012	0.016	0.008	0.	0.003	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	4	213.5	215.25	226.	208.	59.583	7.719	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	4	0.06	0.073	0.13	0.04	0.002	0.039	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	4	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	4	0.295	0.303	0.4	0.22	0.007	0.087	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	4	0.065	0.07	0.11	0.04	0.001	0.032	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	4	0.035	0.04	0.08	0.01	0.001	0.032	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	4	180.	177.5	180.	170.	25.	5.	**	**	**	**

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Annual Analysis for 1971 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	4	1.	2.25	7.	0.	10.917	3.304	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	4	45.5	44.75	46.	42.	3.583	1.893	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	4	16.	15.75	16.	15.	0.25	0.5	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	4	6.4	6.325	6.4	6.1	0.023	0.15	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	4	2.5	2.525	2.7	2.4	0.023	0.15	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	4	2.	3.	6.	2.	4.	2.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	3	16.	21.	32.	15.	91.	9.539	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	2	31.	31.	42.	20.	242.	15.556	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	2	1.462	1.462	1.623	1.301	0.052	0.228	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			28.983								

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Annual Analysis for 1972 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	13	11.7	12.531	20.2	5.6	27.222	5.218	5.68	7.2	17.2	19.68
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	13	540.	469.231	988.	81.	114610.859	338.542	90.6	121.	720.	984.8
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	13	8.	11.692	40.	2.	114.397	10.696	2.4	3.5	16.5	32.4
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	13	37.	32.846	52.	17.	136.808	11.696	17.4	22.	42.5	49.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	13	259.	275.615	388.	36.	7945.756	89.139	118.	242.	347.5	378.8
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	12	10.3	10.342	12.2	8.2	1.463	1.209	8.44	9.4	11.5	12.05
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	13	8.	8.008	8.2	7.7	0.026	0.161	7.74	7.9	8.2	8.2
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	13	8.	7.98	8.2	7.7	0.027	0.163	7.74	7.9	8.2	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	13	0.01	0.01	0.02	0.006	0.	0.004	0.006	0.006	0.013	0.018
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	13	164.	168.462	217.	128.	1090.269	33.019	128.8	139.	202.	213.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	13	0.08	0.101	0.31	0.02	0.005	0.074	0.032	0.06	0.11	0.258
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	13	0.01	0.014	0.05	0.	0.	0.013	0.	0.01	0.015	0.042
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	13	0.19	0.217	0.48	0.14	0.009	0.094	0.144	0.16	0.235	0.42
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	13	0.07	0.076	0.19	0.03	0.002	0.04	0.034	0.05	0.09	0.154
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	13	0.02	0.022	0.05	0.01	0.	0.012	0.01	0.015	0.025	0.046
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	13	140.	140.769	180.	110.	607.692	24.651	110.	120.	165.	176.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	12	3.5	4.5	12.	0.	15.727	3.966	0.	0.5	8.	11.1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	13	39.	37.538	46.	29.	35.769	5.981	29.8	32.	43.5	45.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	13	11.	11.569	16.	8.3	7.176	2.679	8.54	9.35	14.5	15.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	13	5.	5.292	7.1	4.	1.282	1.132	4.	4.15	6.25	7.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	13	2.	1.946	2.5	1.4	0.156	0.395	1.4	1.6	2.35	2.46
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	13	2.	1.692	2.	1.	0.231	0.48	1.	1.	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	13	14.	14.077	17.	9.	6.244	2.499	9.4	13.	16.	17.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	13	40.	65.077	280.	10.	5282.41	72.68	12.	28.5	68.	224.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	13	1.602	1.645	2.447	1.	0.144	0.379	1.07	1.454	1.829	2.327
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			44.131								

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

Annual Analysis for 1974 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	1	156.	156.	156.	156.	0.	0.	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	1	430.	430.	430.	430.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	1	11.3	11.3	11.3	11.3	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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Annual Analysis for 1974 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.								

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Annual Analysis for 1975 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	9	10.	8.7	17.1	3.	24.835	4.983	3.	3.8	12.2	17.1
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	9	193.	385.333	1550.	150.	205214.	453.006	150.	164.5	405.5	1550.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	9	39.	31.333	46.	5.	200.25	14.151	5.	21.	43.	46.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	9	21.	26.889	63.	8.	287.861	16.966	8.	18.	36.5	63.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	9	340.	337.222	420.	220.	2969.444	54.493	220.	320.	370.	420.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	9	10.	10.044	12.	8.6	1.343	1.159	8.6	8.95	10.95	12.
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	3	7.9	7.933	8.2	7.7	0.063	0.252	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	3	7.9	7.888	8.2	7.7	0.066	0.258	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	3	0.013	0.013	0.02	0.006	0.	0.007	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	9	0.13	0.148	0.29	0.06	0.005	0.072	0.06	0.09	0.195	0.29
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	9	0.24	0.357	1.2	0.05	0.12	0.346	0.05	0.135	0.455	1.2
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	9	0.09	0.097	0.2	0.04	0.002	0.046	0.04	0.065	0.11	0.2
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	9	0.04	0.039	0.06	0.014	0.	0.019	0.014	0.02	0.06	0.06
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	3	20.	45.	110.	5.	3225.	56.789	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	3	1.301	1.347	2.041	0.699	0.452	0.672	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			22.24								

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Annual Analysis for 1976 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	16	14.2	12.375	21.9	2.3	43.993	6.633	2.65	5.4	17.55	20.99
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	16	252.	329.875	820.	83.	59024.783	242.95	97.	142.	452.75	803.2
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	16	10.5	14.188	31.	4.	87.496	9.354	4.7	6.	25.5	28.2
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	16	29.	30.375	50.	13.	165.983	12.883	14.4	20.	44.	48.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	16	300.	287.813	400.	170.	4259.896	65.268	191.	227.5	323.75	382.5
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	16	9.5	9.75	12.4	7.3	1.804	1.343	7.86	9.1	10.7	12.12
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	16	0.125	0.147	0.26	0.08	0.004	0.063	0.08	0.083	0.21	0.239
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	16	0.175	0.269	0.64	0.01	0.05	0.223	0.045	0.12	0.56	0.612
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	16	0.11	0.113	0.18	0.06	0.002	0.041	0.06	0.08	0.155	0.18
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	16	0.03	0.028	0.05	0.01	0.	0.013	0.01	0.02	0.039	0.05

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Annual Analysis for 1977 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	2	6.8	6.8	8.5	5.1	5.78	2.404	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	2	34.	34.	41.	27.	98.	9.899	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	1	375.	375.	375.	375.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	2	6.75	6.75	6.9	6.6	0.045	0.212	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	2	6.725	6.725	6.9	6.6	0.046	0.215	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	2	0.189	0.189	0.251	0.126	0.008	0.089	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	2	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	2	0.1	0.1	0.11	0.09	0.	0.014	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	2	0.06	0.06	0.08	0.04	0.001	0.028	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	2 ##	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.								

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Annual Analysis for 1978 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	8	13.35	13.688	24.8	4.	40.853	6.392	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	2	107.5	107.5	113.	102.	60.5	7.778	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	9	18.	18.222	27.	6.	46.444	6.815	6.	13.	24.5	27.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	9	11.	14.111	22.	8.	29.111	5.395	8.	10.	20.	22.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	9	310.	315.556	380.	245.	2027.778	45.031	245.	280.	357.5	380.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	9	10.	10.333	12.6	8.3	2.27	1.507	8.3	9.	11.65	12.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	8	99.2	100.375	105.	98.1	7.339	2.709	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	9	7.7	7.667	8.3	7.	0.2	0.447	7.	7.25	8.05	8.3
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	9	7.7	7.471	8.3	7.	0.243	0.493	7.	7.25	8.05	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	9	0.02	0.034	0.1	0.005	0.001	0.034	0.005	0.009	0.06	0.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	3	8.	8.333	11.	6.	6.333	2.517	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	9	0.08	0.088	0.21	0.04	0.002	0.05	0.04	0.06	0.095	0.21
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	9	0.16	0.372	1.4	0.01	0.218	0.467	0.01	0.1	0.59	1.4
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	9	0.06	0.069	0.1	0.04	0.001	0.024	0.04	0.045	0.095	0.1
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	9	0.02	0.028	0.07	0.	0.001	0.026	0.	0.005	0.05	0.07
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	9	90.	143.444	620.	60.	32309.778	179.749	60.	67.	110.	620.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	9	1.954	2.01	2.792	1.778	0.096	0.31	1.778	1.824	2.04	2.792
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			102.335								

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Annual Analysis for 1979 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	9	11.	12.544	22.5	0.3	62.473	7.904	0.3	6.1	19.95	22.5
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	9	83.	177.	702.	23.	46268.	215.1	23.	57.	245.	702.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	9	18.	17.	31.	3.	76.5	8.746	3.	10.	22.5	31.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	9	6.	8.556	18.	2.	36.028	6.002	2.	4.5	15.	18.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	9	405.	403.889	490.	275.	5636.111	75.074	275.	347.5	472.5	490.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	9	9.9	10.233	13.8	6.9	4.485	2.118	6.9	8.95	12.	13.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	9	102.	98.5	105.3	83.3	55.037	7.419	83.3	92.55	103.9	105.3
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	9	7.9	7.711	8.1	7.	0.129	0.359	7.	7.45	7.95	8.1
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	9	7.9	7.555	8.1	7.	0.156	0.395	7.	7.45	7.95	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	9	0.013	0.028	0.1	0.008	0.001	0.03	0.008	0.011	0.038	0.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	9	8.	11.778	43.	2.	151.194	12.296	2.	5.	13.	43.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	9	0.05	0.082	0.23	0.01	0.004	0.067	0.01	0.04	0.11	0.23

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Annual Analysis for 1979 - Station CODA0155

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)	10/22/74-11/07/90	9	0.1	0.174	0.51	0.02	0.028	0.168	0.02	0.06	0.31	0.51
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	9	0.07	0.076	0.13	0.04	0.001	0.036	0.04	0.04	0.11	0.13
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	9	0.02	0.032	0.08	0.	0.001	0.03	0.	0.01	0.065	0.08
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	8	61.	67.125	110.	15.	1317.554	36.298	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	8	1.785	1.751	2.041	1.176	0.092	0.303	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			56.323								

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Annual Analysis for 1980 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	11	14.	11.2	21.9	0.5	48.896	6.993	1.	4.2	16.	21.22
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	11	230.	257.455	637.	63.	32504.073	180.289	67.8	88.	367.	600.6
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	11	45.	44.818	75.	8.	494.364	22.234	8.4	35.	65.	74.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	7	12.	13.	25.	3.	46.	6.782	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	11	310.	310.909	400.	210.	2969.091	54.489	214.	300.	350.	392.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	11	9.8	10.145	12.9	7.6	2.933	1.713	7.66	8.7	11.7	12.78
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	11	95.7	96.445	102.6	90.	17.251	4.153	90.5	94.	100.8	102.5
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	11	7.9	7.9	8.2	7.5	0.052	0.228	7.52	7.7	8.1	8.18
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	11	7.9	7.843	8.2	7.5	0.056	0.236	7.52	7.7	8.1	8.18
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	11	0.013	0.014	0.032	0.006	0.	0.008	0.007	0.008	0.02	0.03
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	11	15.	19.091	55.	5.	208.091	14.425	5.4	10.	24.	50.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	11	0.04	0.086	0.26	0.005	0.007	0.082	0.006	0.03	0.14	0.244
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	6	## 0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	6	0.12	0.178	0.43	0.05	0.02	0.142	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	8	0.155	0.433	1.4	0.09	0.268	0.518	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	11	0.06	0.065	0.16	0.03	0.001	0.036	0.032	0.04	0.07	0.148
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	10	0.04	0.046	0.12	0.005	0.002	0.039	0.005	0.009	0.083	0.117
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	4	82.5	80.25	94.	62.	214.917	14.66	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	4	1.915	1.899	1.973	1.792	0.007	0.083	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			79.196								

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

Annual Analysis for 1981 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	12	6.95	8.	16.8	1.3	26.873	5.184	1.72	3.4	13.425	16.2
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	11	261.	325.182	555.	102.	28858.164	169.877	108.4	162.	500.	549.4
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	11	30.	38.091	95.	4.	666.291	25.813	5.4	25.	55.	89.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	12	27.	27.667	70.	3.	325.879	18.052	5.1	15.	38.75	61.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	12	295.	275.417	335.	200.	1774.811	42.129	207.5	236.25	300.	330.5
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	12	10.8	10.908	12.7	9.3	1.595	1.263	9.3	9.9	11.975	12.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	12	97.9	96.792	106.1	87.6	31.443	5.607	88.2	91.1	100.35	105.23
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	12	7.9	7.8	8.1	7.2	0.065	0.256	7.32	7.625	7.975	8.1
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	12	7.9	7.718	8.1	7.2	0.073	0.27	7.32	7.625	7.975	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	12	0.013	0.019	0.063	0.008	0.	0.015	0.008	0.011	0.024	0.052
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	12	23.5	22.167	44.	4.	106.697	10.329	5.2	15.25	25.75	39.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	12	0.07	0.097	0.38	0.03	0.01	0.098	0.03	0.043	0.098	0.32
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	12	## 0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	12	0.26	0.324	0.85	0.11	0.05	0.223	0.116	0.13	0.48	0.754
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	12	0.05	0.055	0.12	0.03	0.001	0.022	0.033	0.043	0.06	0.102
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	12	0.035	0.038	0.07	0.01	0.	0.018	0.013	0.023	0.05	0.067
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	8	50.	47.25	83.	20.	650.5	25.505	**	**	**	**

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Annual Analysis for 1981 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	8	1.69	1.608	1.919	1.301	0.072	0.269	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			40.509								

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Annual Analysis for 1982 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	10	7.15	9.48	18.6	0.5	42.015	6.482	0.87	4.425	16.575	18.42
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	7	416.	517.571	1130.	79.	190751.619	436.751	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	10	11.	17.9	82.	2.	566.767	23.807	2.1	3.75	22.5	76.2
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	10	33.	39.7	113.	17.	811.789	28.492	17.	20.	48.	107.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	10	323.	319.9	415.	210.	3019.433	54.949	216.	292.5	350.	408.5
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	10	11.65	10.91	12.7	8.2	2.828	1.682	8.27	9.35	12.3	12.69
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	10	97.75	97.59	105.4	90.4	23.959	4.895	90.42	93.6	101.825	105.14
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	10	8.05	7.99	8.4	7.5	0.083	0.288	7.52	7.7	8.225	8.39
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	10	8.047	7.902	8.4	7.5	0.092	0.303	7.52	7.7	8.225	8.39
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	10	0.009	0.013	0.032	0.004	0.	0.009	0.004	0.006	0.02	0.03
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	10	22.5	24.5	86.	2.	593.833	24.369	2.2	4.	29.5	80.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	10	0.045	0.067	0.26	0.01	0.005	0.073	0.011	0.028	0.078	0.244
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	10	0.01	0.012	0.03	0.005	0.	0.008	0.005	0.005	0.013	0.029
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	10	0.175	0.304	0.98	0.06	0.082	0.286	0.065	0.14	0.383	0.945
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	9	0.06	0.077	0.16	0.04	0.002	0.043	0.04	0.045	0.105	0.16
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	10	0.03	0.037	0.1	0.01	0.001	0.028	0.011	0.02	0.048	0.097
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	4	160.	153.25	270.	23.	11295.583	106.281	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	4	2.19	2.043	2.431	1.362	0.228	0.477	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			110.491								

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Annual Analysis for 1983 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	11	9.8	9.809	19.4	0.	41.163	6.416	0.38	4.5	16.2	19.02
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	8	517.5	631.625	1290.	184.	187591.982	433.119	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	11	13.	23.273	100.	2.	810.418	28.468	2.4	6.	25.	89.4
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	11	42.	37.727	63.	13.	250.218	15.818	14.6	25.	42.	63.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	11	340.	309.	400.	217.	3365.	58.009	222.	248.	350.	390.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	11	11.1	11.136	13.3	8.5	2.451	1.565	8.68	9.8	12.9	13.26
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	11	102.1	100.445	106.4	91.8	26.589	5.156	91.9	94.8	103.9	106.14
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	11	8.	8.009	8.2	7.7	0.019	0.138	7.74	7.9	8.1	8.18
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	11	8.	7.987	8.2	7.7	0.019	0.139	7.74	7.9	8.1	8.18
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	11	0.01	0.01	0.02	0.006	0.	0.004	0.007	0.008	0.013	0.018
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	11	18.	31.455	100.	5.	979.873	31.303	5.	6.	51.	93.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	11	0.04	0.055	0.19	0.02	0.003	0.053	0.02	0.02	0.09	0.172
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	11 ##	0.005	0.009	0.03	0.005	0.	0.007	0.005	0.005	0.01	0.026
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	11	0.21	0.355	0.94	0.12	0.083	0.288	0.126	0.2	0.66	0.906
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	11	0.04	0.043	0.07	0.03	0.	0.015	0.03	0.03	0.06	0.068
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	11	0.03	0.029	0.06	0.02	0.	0.012	0.02	0.02	0.03	0.056
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	6	69.5	91.667	180.	27.	4118.667	64.177	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	6	1.826	1.864	2.255	1.431	0.107	0.327	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			73.177								

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Annual Analysis for 1984 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	12	8.55	8.133	16.8	0.	36.717	6.059	0.03	1.95	12.675	16.8
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	12	401.5	514.667	1340.	184.	158380.061	397.97	184.9	201.	858.5	1265.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	12	15.5	17.417	38.	2.	142.992	11.958	3.2	6.5	28.25	37.1
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	12	21.	36.75	130.	4.	1140.386	33.77	6.7	18.	45.	109.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	12	340.	330.833	475.	250.	4085.242	63.916	250.6	263.75	361.25	444.7
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	12	10.85	11.067	13.	9.3	1.812	1.346	9.33	9.925	12.375	12.85
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	12	98.15	97.592	106.5	91.3	23.123	4.809	91.39	92.525	100.9	105.21
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	12	8.2	8.142	8.4	7.7	0.043	0.207	7.76	7.95	8.3	8.37
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	12	8.2	8.091	8.4	7.7	0.045	0.213	7.76	7.95	8.3	8.37
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	12	0.006	0.008	0.02	0.004	0.	0.005	0.004	0.005	0.011	0.018
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	11	21.	22.818	55.	2.	225.564	15.019	3.2	10.	32.	50.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	12	0.05	0.08	0.18	0.005	0.004	0.066	0.01	0.02	0.155	0.174
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	12 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	12	0.255	0.352	0.77	0.05	0.052	0.227	0.071	0.195	0.523	0.749
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	12	0.08	0.086	0.16	0.03	0.002	0.04	0.033	0.045	0.12	0.151
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	12	0.04	0.042	0.07	0.02	0.	0.016	0.02	0.025	0.05	0.067
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	7	77.	102.286	220.	51.	3545.238	59.542	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	7	1.886	1.957	2.342	1.708	0.049	0.221	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			90.647								

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Annual Analysis for 1985 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	7	10.8	10.586	17.6	3.	29.708	5.451	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	7	257.	283.286	604.	87.	39441.238	198.598	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	5	16.	23.4	68.	3.	682.3	26.121	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	3	34.	36.333	46.	29.	76.333	8.737	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	7	358.	342.857	420.	238.	3310.143	57.534	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	7	9.8	10.086	12.3	8.5	1.751	1.323	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	7	93.3	93.957	98.4	89.8	7.303	2.702	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	7	8.2	8.129	8.4	7.9	0.029	0.17	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	7	8.2	8.101	8.4	7.9	0.03	0.173	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	7	0.006	0.008	0.013	0.004	0.	0.003	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	6	18.5	31.	89.	12.	885.6	29.759	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	4	0.055	0.073	0.14	0.04	0.002	0.046	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	4	0.43	0.55	1.2	0.14	0.242	0.492	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	4	0.06	0.058	0.08	0.03	0.	0.021	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	4	0.015	0.019	0.04	0.005	0.	0.015	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	3	43.	80.667	160.	39.	4724.333	68.734	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	3	1.633	1.81	2.204	1.591	0.117	0.342	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			64.499								

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Annual Analysis for 1986 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	9	8.9	12.456	22.8	4.6	42.66	6.531	4.6	6.85	18.1	22.8
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	8	151.5	266.375	681.	70.	54819.982	234.137	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	5	5.	10.2	26.	4.	89.2	9.445	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	7	21.	25.929	84.	0.5	770.202	27.753	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	9	344.	331.222	378.	270.	1711.194	41.367	270.	290.	369.	378.

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

Annual Analysis for 1986 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	9	10.4	9.889	11.9	7.4	2.939	1.714	7.4	8.25	11.5	11.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	9	96.1	95.567	101.3	88.8	23.353	4.832	88.8	90.1	100.15	101.3
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	9	8.1	8.044	8.4	7.7	0.055	0.235	7.7	7.85	8.25	8.4
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	9	8.1	7.99	8.4	7.7	0.059	0.242	7.7	7.85	8.25	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	9	0.008	0.01	0.02	0.004	0.	0.005	0.004	0.006	0.014	0.02
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	8	12.5	25.5	92.	7.	817.714	28.596	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	8	0.04	0.069	0.23	0.02	0.005	0.071	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	9 ##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	8	0.18	0.309	1.3	0.06	0.167	0.409	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	7	0.08	0.079	0.1	0.06	0.	0.017	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	9	0.03	0.033	0.05	0.02	0.	0.012	0.02	0.02	0.045	0.05
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	9	48.	145.	650.	4.	49743.25	223.032	4.	27.5	225.	650.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	9	1.681	1.737	2.813	0.602	0.437	0.661	0.602	1.398	2.185	2.813
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			54.596								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/13/86-11/07/90	4	4.	4.25	6.	3.	2.25	1.5	**	**	**	**

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Annual Analysis for 1987 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	9	11.5	12.144	21.5	2.1	43.178	6.571	2.1	6.75	18.7	21.5
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	10	118.5	272.	934.	56.	85606.667	292.586	56.7	68.25	448.25	899.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	8	344.5	312.25	380.	230.	4244.786	65.152	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	9	10.	9.767	12.4	7.2	2.993	1.73	7.2	8.05	11.	12.4
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	8	94.05	91.988	107.6	68.2	127.778	11.304	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	10	8.25	8.03	8.5	7.2	0.227	0.476	7.21	7.525	8.325	8.49
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	10	8.247	7.762	8.5	7.2	0.307	0.554	7.21	7.525	8.325	8.49
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	10	0.006	0.017	0.063	0.003	0.	0.022	0.003	0.005	0.031	0.062
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	10	13.	20.3	69.	5.	400.678	20.017	5.1	6.75	27.25	66.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	10	0.035	0.043	0.17	0.005	0.002	0.048	0.005	0.009	0.053	0.159
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	9	0.01	0.008	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	6	0.17	0.198	0.34	0.1	0.01	0.101	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	3	0.07	0.093	0.16	0.05	0.003	0.059	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	10	0.07	0.079	0.15	0.06	0.001	0.029	0.06	0.06	0.087	0.146
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	9	0.04	0.036	0.06	0.01	0.	0.016	0.01	0.02	0.045	0.06
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	10	48.5	55.5	170.	14.	2082.944	45.639	14.6	23.	63.5	161.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	10	1.686	1.637	2.23	1.146	0.1	0.316	1.162	1.36	1.793	2.202
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			43.358								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/13/86-11/07/90	10	4.15	6.13	21.	3.	29.747	5.454	3.	3.	6.5	19.7

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Annual Analysis for 1988 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	11	9.3	9.1	20.	0.2	42.14	6.492	0.36	4.	13.4	19.36
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	10	107.5	161.6	351.	28.	14220.044	119.248	30.2	65.	288.5	347.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	11	330.	320.727	407.	251.	2770.418	52.635	252.4	265.	352.	402.6
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	11	11.5	11.209	13.9	9.1	2.835	1.684	9.14	9.7	12.6	13.82
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	11	98.9	100.582	111.7	92.7	38.762	6.226	92.76	97.8	105.4	111.46
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	11	8.1	8.145	8.6	7.8	0.067	0.258	7.82	7.9	8.4	8.56
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	11	8.1	8.081	8.6	7.8	0.071	0.267	7.82	7.9	8.4	8.56
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	11	0.008	0.008	0.016	0.003	0.	0.004	0.003	0.004	0.013	0.015
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	10	12.5	15.8	39.	7.	108.622	10.422	7.	7.75	19.25	38.

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Annual Analysis for 1988 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	10	0.04	0.064	0.17	0.01	0.003	0.056	0.011	0.02	0.12	0.165
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	10	0.205	0.278	0.74	0.02	0.072	0.269	0.02	0.028	0.558	0.727
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	10	0.09	0.096	0.19	0.04	0.002	0.04	0.043	0.07	0.11	0.182
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	11	0.05	0.055	0.1	0.02	0.001	0.023	0.022	0.04	0.07	0.096
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	1	200.	200.	200.	200.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	11	51.	104.182	400.	9.	12218.764	110.539	12.2	29.	140.	348.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	11	1.708	1.815	2.602	0.954	0.212	0.46	1.043	1.462	2.146	2.511
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			65.344								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/13/86-11/07/90	11	5.	4.955	12.	0.5	14.223	3.771	0.6	2.	7.	11.8

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Annual Analysis for 1989 - Station CODA0155

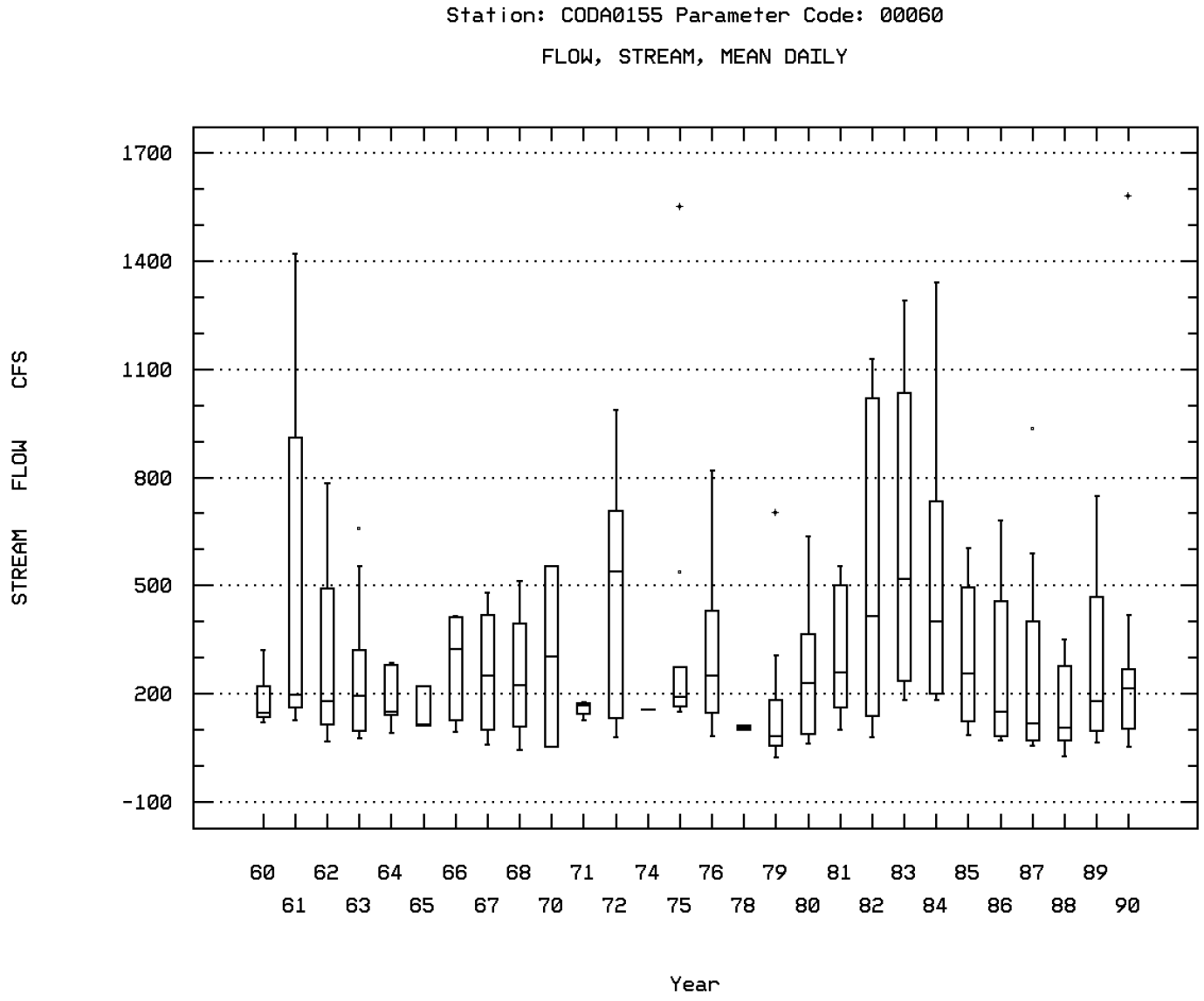
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	10	9.6	10.28	21.	0.	49.031	7.002	0.38	3.95	17.25	20.7
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	7	180.	287.857	750.	65.	59356.476	243.632	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	10	350.	323.4	375.	200.	3093.822	55.622	205.5	288.75	356.25	373.5
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	10	10.65	10.31	12.	8.2	2.148	1.465	8.25	8.85	11.725	11.98
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	10	93.1	94.12	103.1	84.2	34.004	5.831	84.71	90.35	100.175	102.83
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	10	8.2	8.07	8.4	7.1	0.169	0.411	7.15	7.975	8.325	8.4
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	10	8.2	7.821	8.4	7.1	0.238	0.488	7.15	7.975	8.325	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	10	0.006	0.015	0.079	0.004	0.001	0.023	0.004	0.005	0.012	0.074
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	10	12.5	26.8	110.	6.	1030.844	32.107	6.3	9.75	38.75	103.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	10	0.045	0.089	0.49	0.005	0.021	0.146	0.006	0.01	0.09	0.453
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	10	0.14	0.242	0.63	0.005	0.045	0.212	0.011	0.068	0.44	0.617
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	10	0.075	0.07	0.11	0.005	0.001	0.029	0.01	0.058	0.09	0.108
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	10	0.045	0.054	0.16	0.02	0.002	0.039	0.021	0.038	0.053	0.15
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	10	68.5	81.2	240.	9.	5050.4	71.066	9.	24.75	125.5	230.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	10	1.835	1.72	2.38	0.954	0.229	0.479	0.954	1.346	2.097	2.357
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			52.527								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/13/86-11/07/90	10	2.9	8.23	41.	1.7	148.109	12.17	1.71	2.175	10.25	38.3

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Annual Analysis for 1990 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	10	9.45	10.47	19.8	3.2	38.511	6.206	3.21	4.125	16.825	19.72
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	10	215.	329.3	1580.	54.	204662.456	452.396	58.1	101.75	306.5	1463.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	10	336.5	321.4	455.	210.	4960.489	70.431	211.8	261.75	352.5	444.9
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	10	10.6	10.44	12.1	8.	2.143	1.464	8.06	9.05	11.85	12.09
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	10	95.9	95.82	100.8	91.	8.493	2.914	91.18	93.7	97.975	100.63
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	9	8.3	8.256	8.5	8.1	0.02	0.142	8.1	8.1	8.35	8.5
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	9	8.3	8.236	8.5	8.1	0.021	0.144	8.1	8.1	8.35	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	9	0.005	0.006	0.008	0.003	0.	0.002	0.003	0.004	0.008	0.008
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	8	11.5	36.5	184.	4.	3753.714	61.268	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	8	0.03	0.039	0.1	0.005	0.001	0.035	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	10	0.155	0.309	1.28	0.05	0.15	0.387	0.052	0.078	0.428	1.218
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	10	0.065	0.072	0.12	0.04	0.001	0.03	0.04	0.043	0.103	0.119
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	10	0.03	0.037	0.07	0.02	0.	0.016	0.02	0.026	0.045	0.069
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	10	85.5	116.	350.	15.	14005.333	118.344	15.1	27.25	183.	345.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	10	1.929	1.843	2.544	1.176	0.236	0.485	1.179	1.42	2.238	2.537
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			69.614								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/13/86-11/07/90	10	4.1	8.24	28.	1.5	72.632	8.522	1.54	2.05	13.	26.8

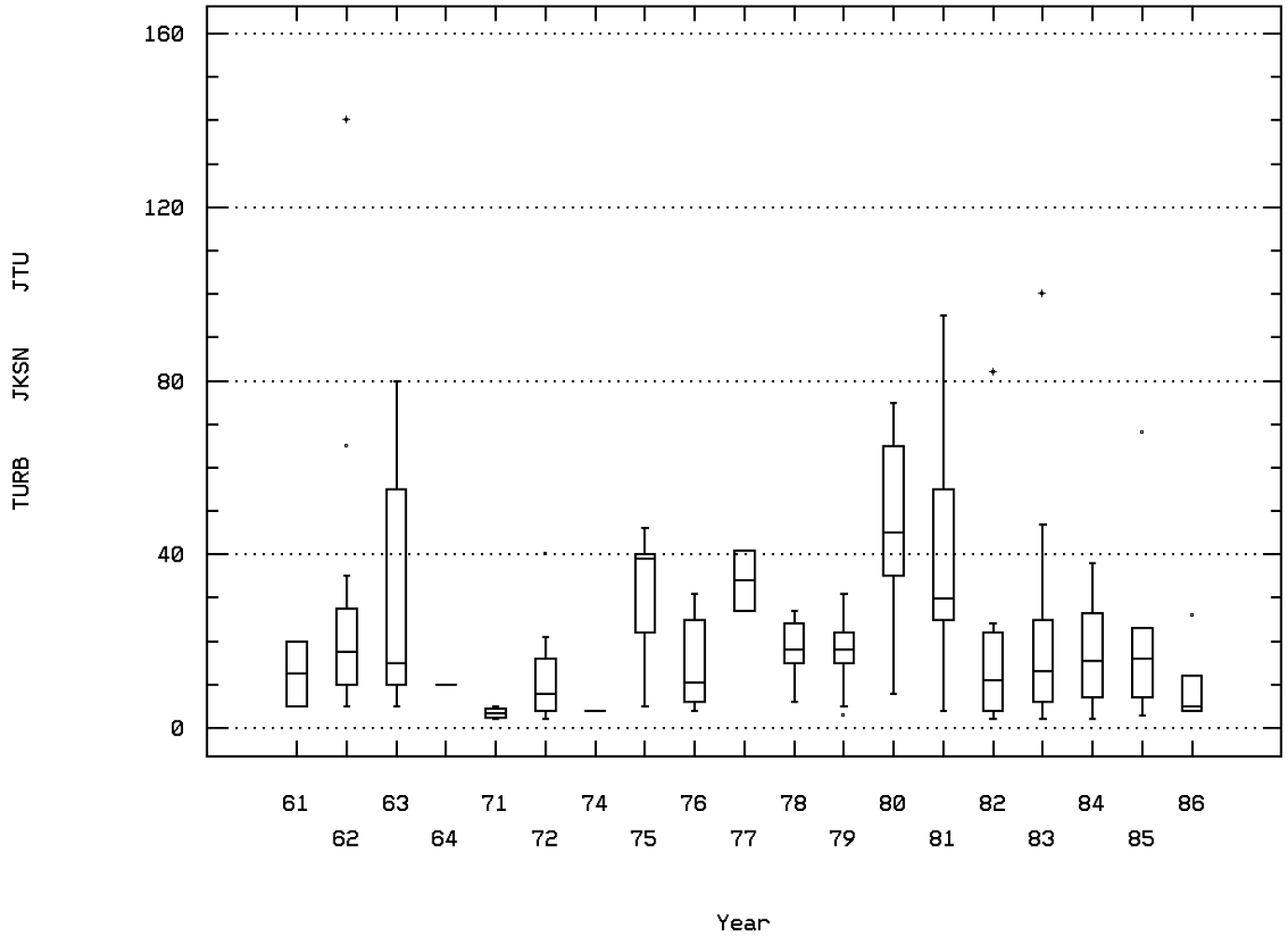
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



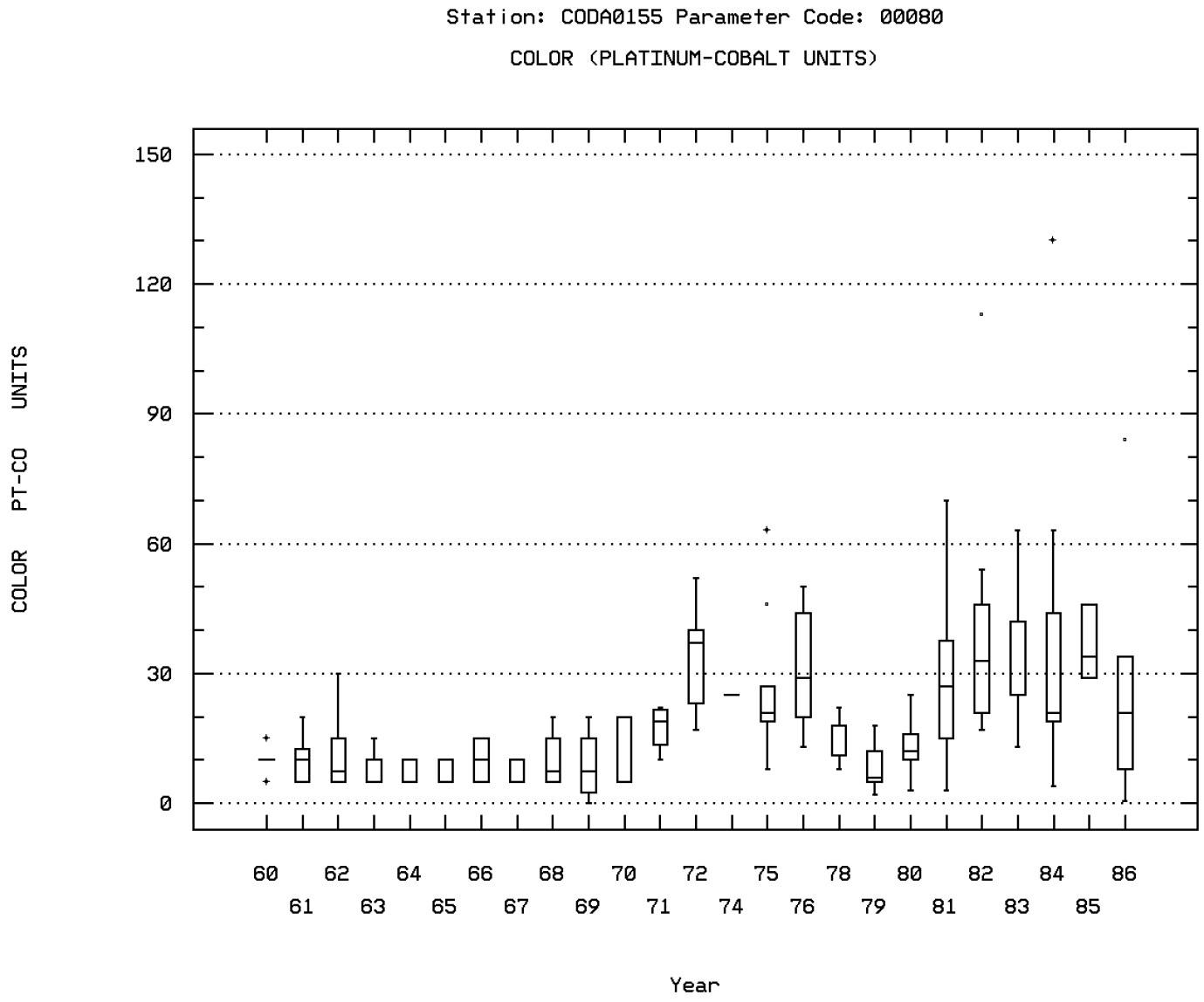
COLVILLE RIVER AT KETTLE FALLS

Station: CODA0155 Parameter Code: 00070

TURBIDITY, (JACKSON CANDLE UNITS)



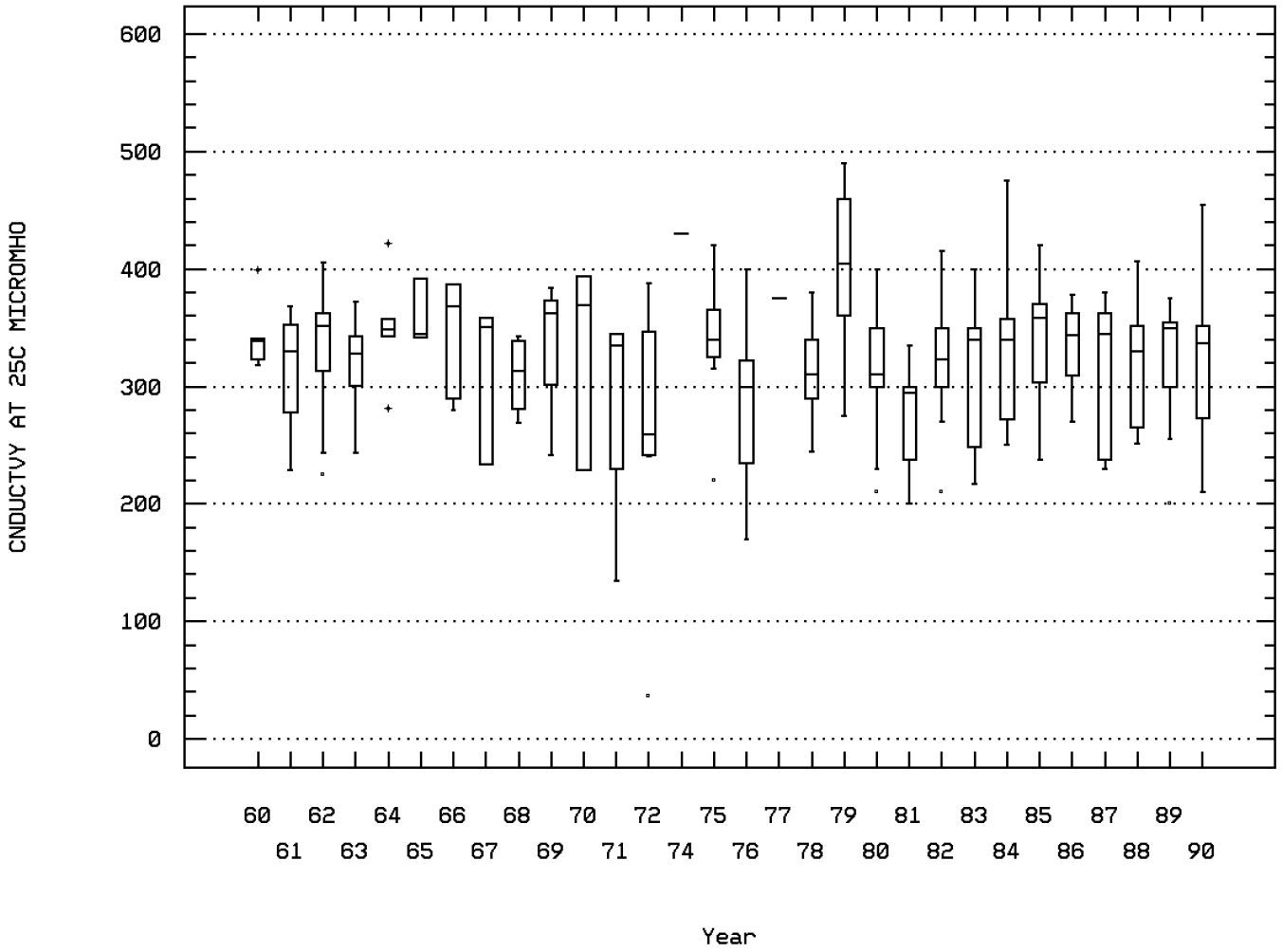
COLVILLE RIVER AT KETTLE FALLS



COLVILLE RIVER AT KETTLE FALLS

Station: CODA0155 Parameter Code: 00095

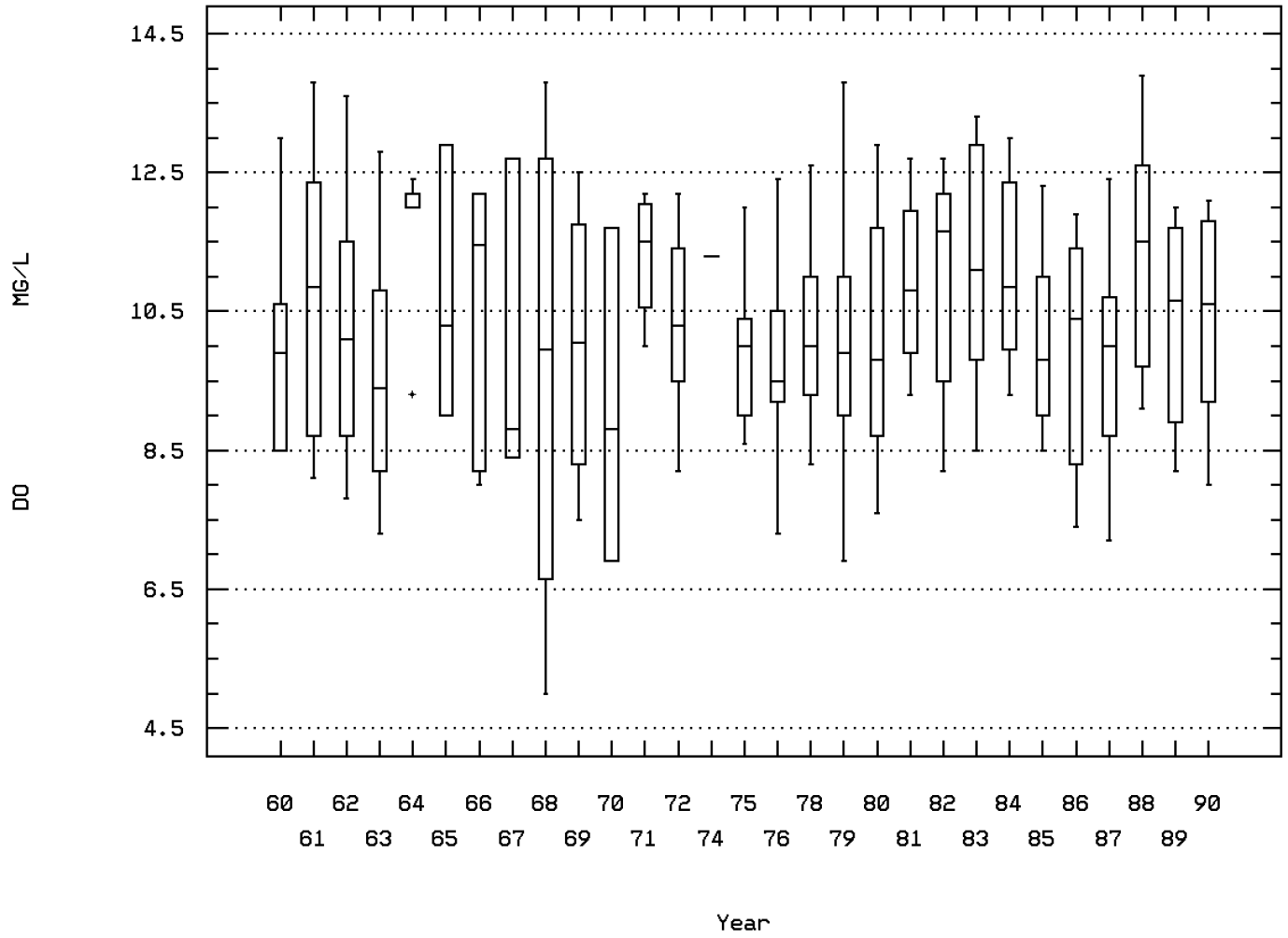
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



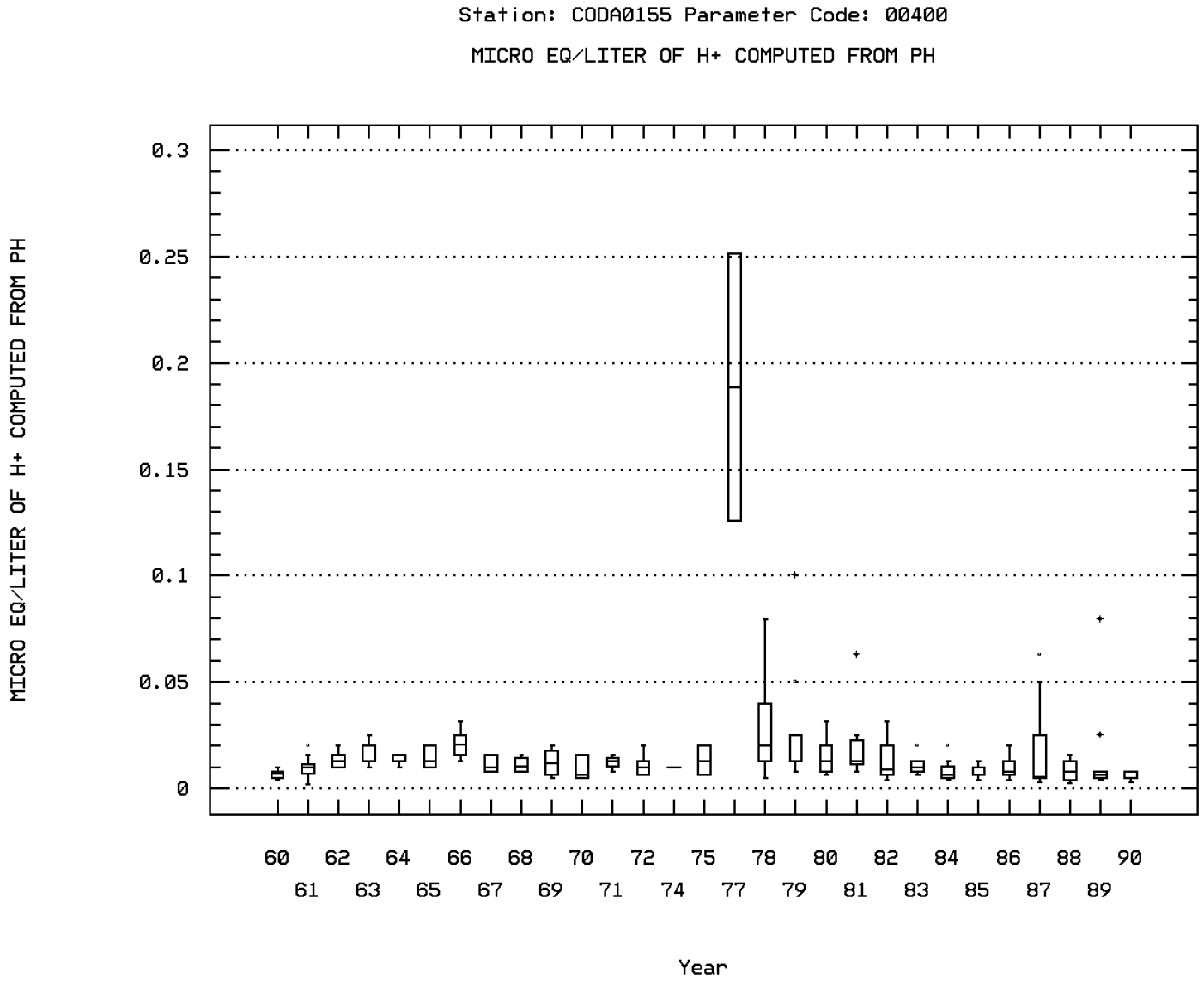
COLVILLE RIVER AT KETTLE FALLS

Station: CODA0155 Parameter Code: 00300

OXYGEN, DISSOLVED



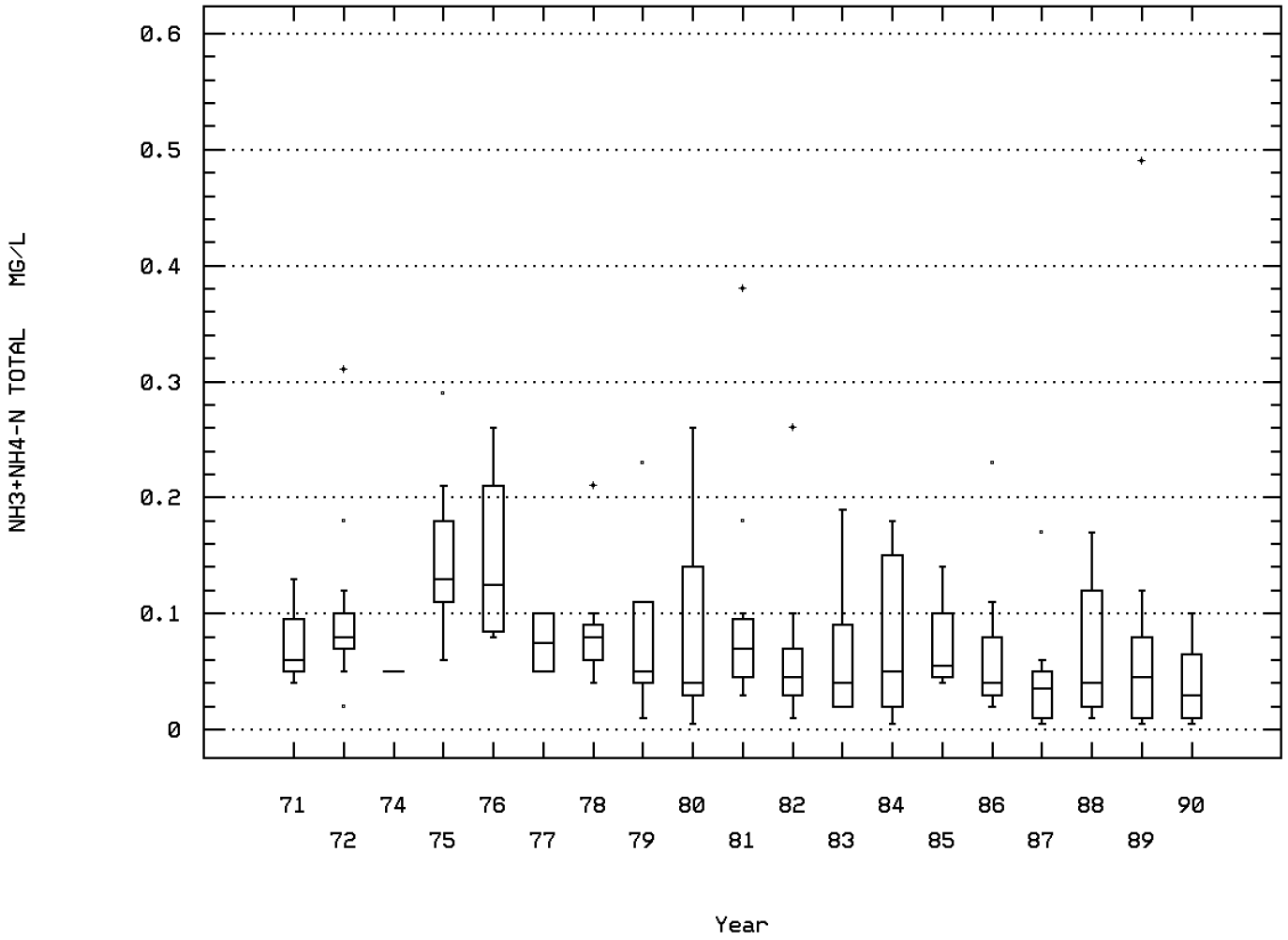
COLVILLE RIVER AT KETTLE FALLS



COLVILLE RIVER AT KETTLE FALLS

Station: CODA0155 Parameter Code: 00610

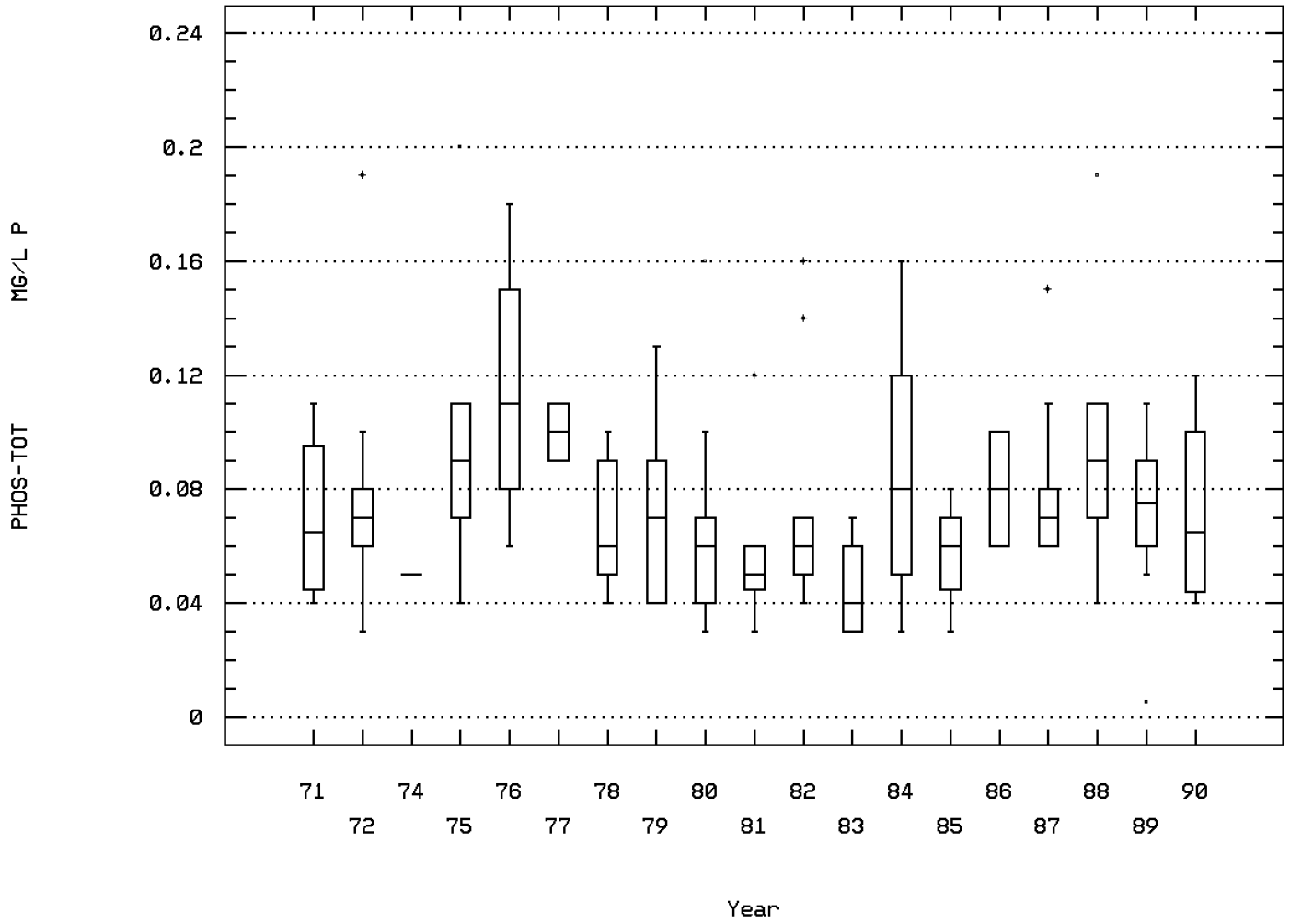
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



COLVILLE RIVER AT KETTLE FALLS

Station: CODA0155 Parameter Code: 00665

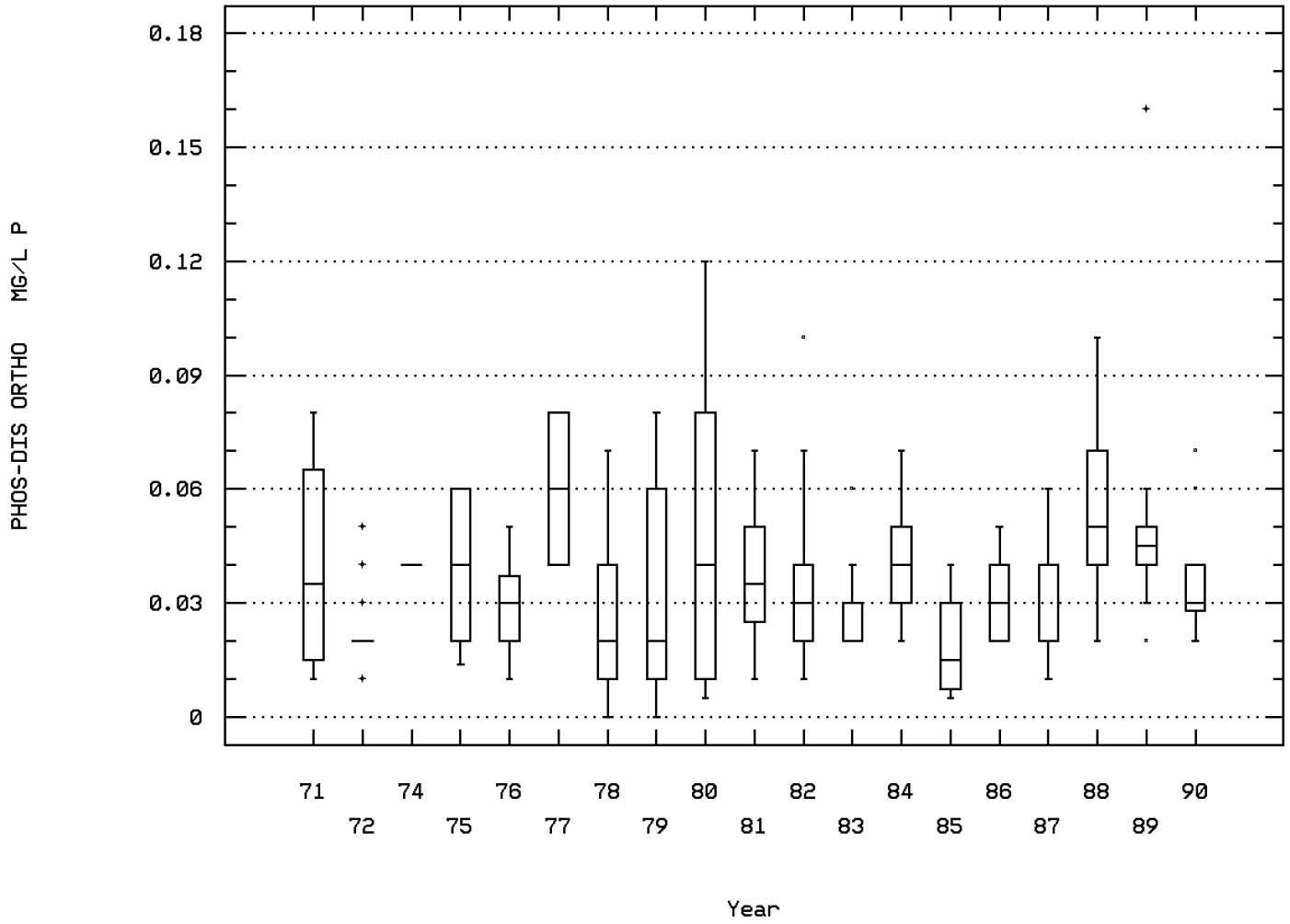
PHOSPHORUS, TOTAL (MG/L AS P)



COLVILLE RIVER AT KETTLE FALLS

Station: CODA0155 Parameter Code: 00671

PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (M



COLVILLE RIVER AT KETTLE FALLS

Seasonal Analysis for Season #1: 8/15 to 1/31 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	97	7.6	8.669	21.	0.	39.414	6.278	0.5	3.25	14.	17.02
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	92	133.	146.924	417.	50.	5560.291	74.567	70.9	96.	174.25	242.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	63	10.	16.921	95.	2.	329.977	18.165	3.	4.	24.	43.4
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	82	13.	16.659	130.	3.	310.154	17.611	5.	5.	21.	31.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	100	350.	343.1	475.	36.	2310.313	48.066	301.	335.	361.75	375.9
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	96	10.75	10.705	13.8	6.9	2.776	1.666	8.44	9.425	12.	12.83
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	48	97.25	96.227	106.4	68.2	39.631	6.295	90.16	92.35	100.8	103.26
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	93	8.	7.982	8.7	6.6	0.098	0.313	7.6	7.9	8.2	8.3
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	93	8.	7.807	8.7	6.6	0.129	0.359	7.6	7.9	8.2	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	93	0.01	0.016	0.251	0.002	0.001	0.029	0.005	0.006	0.013	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/17/64-09/27/72	10	172.5	173.2	185.	163.	43.956	6.63	163.2	168.75	178.25	184.4
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	39	208.	206.026	226.	157.	149.078	12.21	191.	201.	213.	218.
00445	CARBONATE ION (MG/L AS CO3)	07/27/60-08/23/70	19	0.	0.579	10.	0.	5.257	2.293	0.	0.	0.	1.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	45	8.	10.289	32.	2.	49.256	7.018	4.	5.5	12.5	20.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	66	0.07	0.085	0.38	0.005	0.005	0.069	0.01	0.038	0.12	0.18
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	36	0.008	0.009	0.05	0.	0.	0.008	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	57	0.29	0.401	2.1	0.05	0.143	0.378	0.11	0.185	0.5	0.714
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	34	0.16	0.218	0.66	0.005	0.03	0.173	0.025	0.07	0.328	0.49
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	66	0.07	0.075	0.19	0.03	0.001	0.032	0.04	0.05	0.09	0.12
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	67	0.04	0.043	0.1	0.	0.	0.022	0.02	0.028	0.05	0.072
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	39	176.	174.308	191.	142.	68.429	8.272	164.	170.	180.	181.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	39	5.	5.462	14.	0.	14.939	3.865	0.	3.	7.	14.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	39	44.	44.179	49.	37.	5.046	2.246	42.	43.	46.	46.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	39	16.	15.564	17.	12.	1.094	1.046	14.	15.	16.	17.
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	39	6.4	6.421	7.7	5.	0.391	0.625	5.5	6.1	6.8	7.3
00931	SODIUM ADSORPTION RATIO	03/17/64-09/27/72	9	0.2	0.2	0.2	0.2	0.	0.	0.2	0.2	0.2	0.2
00932	SODIUM, PERCENT	03/17/64-09/27/72	9	7.	7.444	8.	7.	0.278	0.527	7.	7.	8.	8.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	39	2.7	2.769	5.1	1.9	0.309	0.555	2.2	2.4	3.1	3.3
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	39	2.	2.051	6.	1.	0.524	0.724	2.	2.	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	38	17.	17.816	32.	14.	10.695	3.27	14.9	16.	18.5	22.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	32	0.2	0.197	0.3	0.1	0.002	0.047	0.1	0.2	0.2	0.27
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	32	2.1	7.4	21.	1.6	60.806	7.798	1.6	1.75	16.75	19.
01040	COPPER, DISSOLVED (UG/L AS CU)	03/17/64-09/27/72	9	2.	27.111	150.	0.	2621.611	51.202	0.	1.	40.	150.
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/17/64-09/27/72	9	10.	30.	180.	0.	3375.	58.095	0.	0.	35.	180.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/27/60-08/23/70	23	930.	5506.261	46000.	73.	108683068.565	10425.117	134.6	640.	4600.	18800.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/27/60-08/23/70	23	2.968	3.206	4.663	1.863	0.514	0.717	2.096	2.806	3.663	4.245
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1607.889								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	44	53.	70.318	400.	5.	5180.594	71.976	9.5	30.25	82.	143.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	44	1.724	1.675	2.602	0.699	0.169	0.411	0.977	1.481	1.913	2.155
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			47.36								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	32	212.	212.938	233.	179.	101.415	10.071	203.	209.	217.	228.7

** - 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: 2/01 to 4/15 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	52	4.55	4.842	10.2	0.	6.078	2.465	1.51	3.	6.75	8.37
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	48	437.	510.25	1340.	149.	85529.085	292.454	214.3	265.75	691.5	1011.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	32	35.	42.281	140.	6.	879.564	29.657	16.	19.5	62.5	81.4
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	42	21.5	30.786	113.	4.	507.88	22.536	10.	15.	45.25	63.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	52	324.	327.981	485.	210.	4708.058	68.615	240.6	258.25	386.5	416.1
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	53	11.8	11.789	13.9	8.1	0.969	0.984	10.74	11.15	12.4	12.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	30	96.25	97.07	106.5	84.2	25.38	5.038	91.94	94.175	100.175	105.37
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	46	7.9	7.874	8.3	7.1	0.075	0.274	7.57	7.7	8.1	8.2
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	46	7.9	7.775	8.3	7.1	0.085	0.291	7.57	7.7	8.1	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	46	0.013	0.017	0.079	0.005	0.	0.015	0.006	0.008	0.02	0.027

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

Seasonal Analysis for Season #2: 2/01 to 4/15 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/17/64-09/27/72	5	116.	131.	180.	113.	801.5	28.311	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	16	181.5	179.875	219.	138.	833.583	28.872	139.4	148.	207.5	215.5
00445	CARBONATE ION (MG/L AS CO3)	07/27/60-08/23/70	9	0.	0.444	4.	0.	1.778	1.333	0.	0.	0.	4.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	27	32.	48.407	184.	8.	1643.712	40.543	12.4	20.	69.	102.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	39	0.1	0.134	0.49	0.005	0.01	0.099	0.04	0.05	0.18	0.26
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	20 ##	0.008	0.01	0.03	0.005	0.	0.008	0.005	0.005	0.01	0.029
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	29	0.48	0.908	4.3	0.05	1.337	1.156	0.18	0.25	1.09	3.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	19	0.61	0.702	1.4	0.17	0.163	0.404	0.19	0.35	1.1	1.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	39	0.08	0.093	0.2	0.005	0.003	0.053	0.03	0.05	0.14	0.18
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	39	0.04	0.042	0.16	0.01	0.001	0.03	0.02	0.02	0.05	0.08
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	17	171.	166.353	202.	120.	927.868	30.461	120.	135.	194.5	200.4
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	16	15.5	16.188	30.	4.	69.496	8.336	4.7	9.25	23.5	28.6
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	16	43.	41.813	50.	32.	44.029	6.635	32.7	34.5	47.75	50.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	16	14.5	14.494	20.	9.4	11.495	3.39	9.54	11.25	17.	18.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	16	6.85	6.638	8.1	4.6	1.469	1.212	4.81	5.425	7.775	7.96
00931	SODIUM ADSORPTION RATIO	03/17/64-09/27/72	5	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/17/64-09/27/72	5	8.	8.2	9.	8.	0.2	0.447	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	16	2.65	2.744	4.4	1.6	0.659	0.812	1.67	2.05	3.175	4.05
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	16	2.	1.863	3.	0.8	0.409	0.64	0.94	1.25	2.	3.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	16	25.	25.5	38.	14.	65.067	8.066	14.7	17.75	33.5	36.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	13	0.2	0.192	0.3	0.1	0.002	0.049	0.1	0.2	0.2	0.26
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	13	17.	11.015	20.	1.9	75.873	8.711	1.9	2.05	19.5	20.
01040	COPPER, DISSOLVED (UG/L AS CU)	03/17/64-09/27/72	7	7.	30.143	170.	0.	3849.476	62.044	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/17/64-09/27/72	6	3.5	9.5	40.	0.	241.5	15.54	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/27/60-08/23/70	7	910.	1595.714	4600.	0.	2675628.571	1635.735	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/27/60-08/23/70	7	2.959	2.664	3.663	0.	1.535	1.239	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			461.493								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	26	55.5	94.846	620.	9.	16450.695	128.26	15.7	23.	95.	249.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	26	1.743	1.738	2.792	0.954	0.197	0.444	1.196	1.36	1.976	2.396
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			54.659								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	13	236.	221.769	260.	172.	862.859	29.374	174.4	192.5	241.5	258.4

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

Seasonal Analysis for Season #3: 4/16 to 8/14 - Station CODA0155

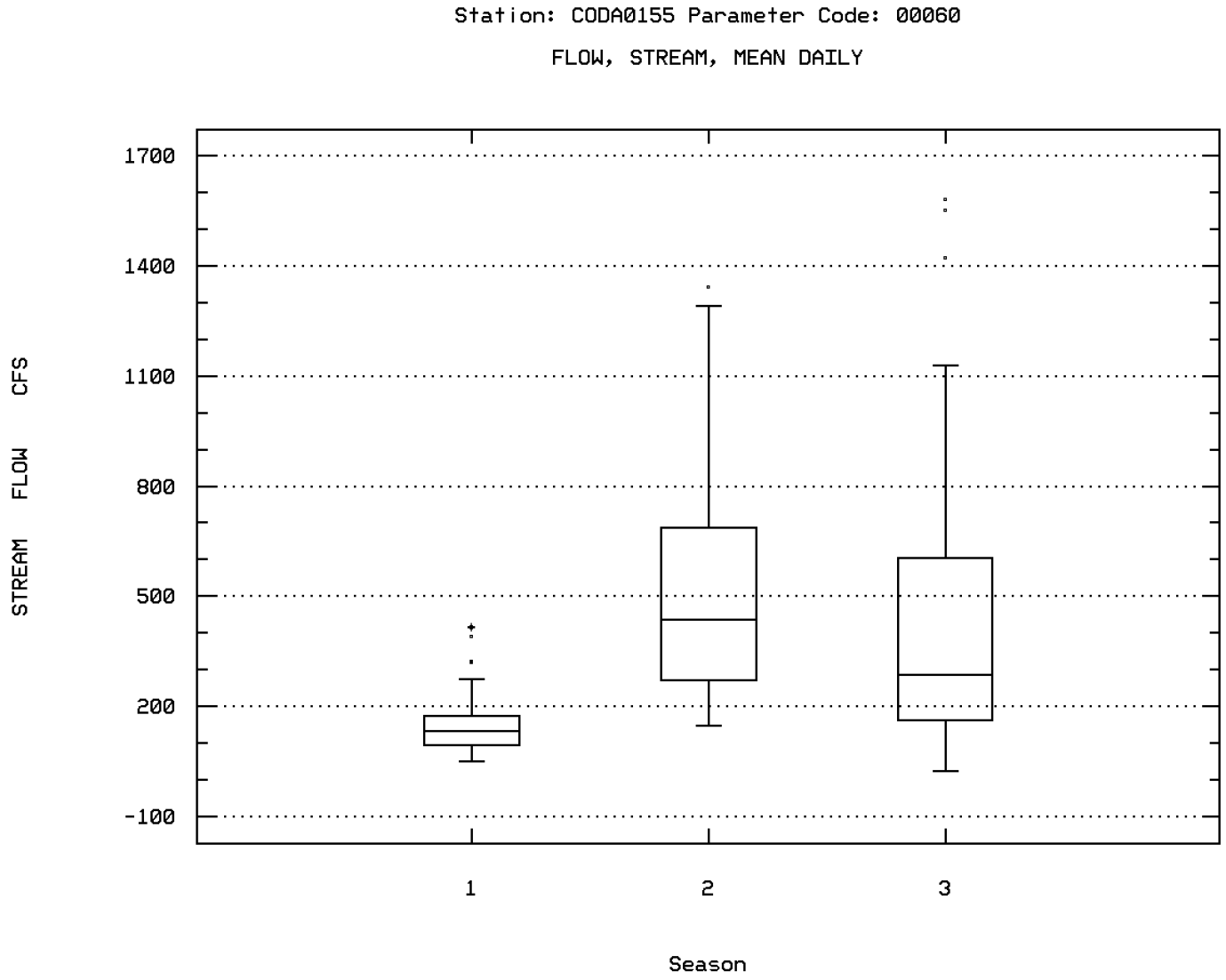
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	89	16.8	16.078	24.8	8.1	18.203	4.267	10.	12.5	18.8	21.9
00060p	FLOW, STREAM, MEAN DAILY CFS	07/27/60-11/07/90	79	285.	423.152	1580.	23.	131590.797	362.754	70.	163.	604.	988.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	57	15.	18.14	65.	2.	180.516	13.436	4.8	8.	23.	36.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	68	18.	20.61	54.	0.	222.297	14.91	5.	10.	33.	44.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	89	290.	290.764	490.	170.	3613.478	60.112	220.	242.	334.	358.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	89	9.3	9.27	12.	5.	1.278	1.13	8.1	8.5	10.05	10.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	03/07/78-11/07/90	50	98.5	97.846	111.7	83.3	35.789	5.982	90.04	93.225	102.1	105.27
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	82	8.	7.991	8.6	7.	0.093	0.305	7.7	7.8	8.2	8.37
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	82	8.	7.855	8.6	7.	0.112	0.334	7.7	7.8	8.2	8.37
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	82	0.01	0.014	0.1	0.003	0.	0.017	0.004	0.006	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/17/64-09/27/72	11	135.	139.455	171.	105.	524.673	22.906	105.4	122.	162.	170.2
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	30	165.	166.733	211.	125.	811.168	28.481	130.	139.75	194.75	202.7
00445	CARBONATE ION (MG/L AS CO3)	07/27/60-08/23/70	15	0.	0.333	3.	0.	0.81	0.9	0.	0.	0.	2.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	47	16.	21.064	55.	5.	169.061	13.002	7.	11.	28.	43.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	64	0.04	0.058	0.22	0.005	0.002	0.048	0.015	0.023	0.078	0.115
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	34 ##	0.005	0.007	0.02	0.	0.	0.004	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	50	0.16	0.204	0.9	0.02	0.036	0.19	0.071	0.12	0.2	0.26
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	33	0.12	0.125	0.58	0.01	0.01	0.099	0.032	0.07	0.14	0.198
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	64	0.06	0.069	0.13	0.03	0.001	0.025	0.04	0.06	0.09	0.115
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	65	0.02	0.027	0.07	0.	0.	0.016	0.01	0.017	0.04	0.05

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

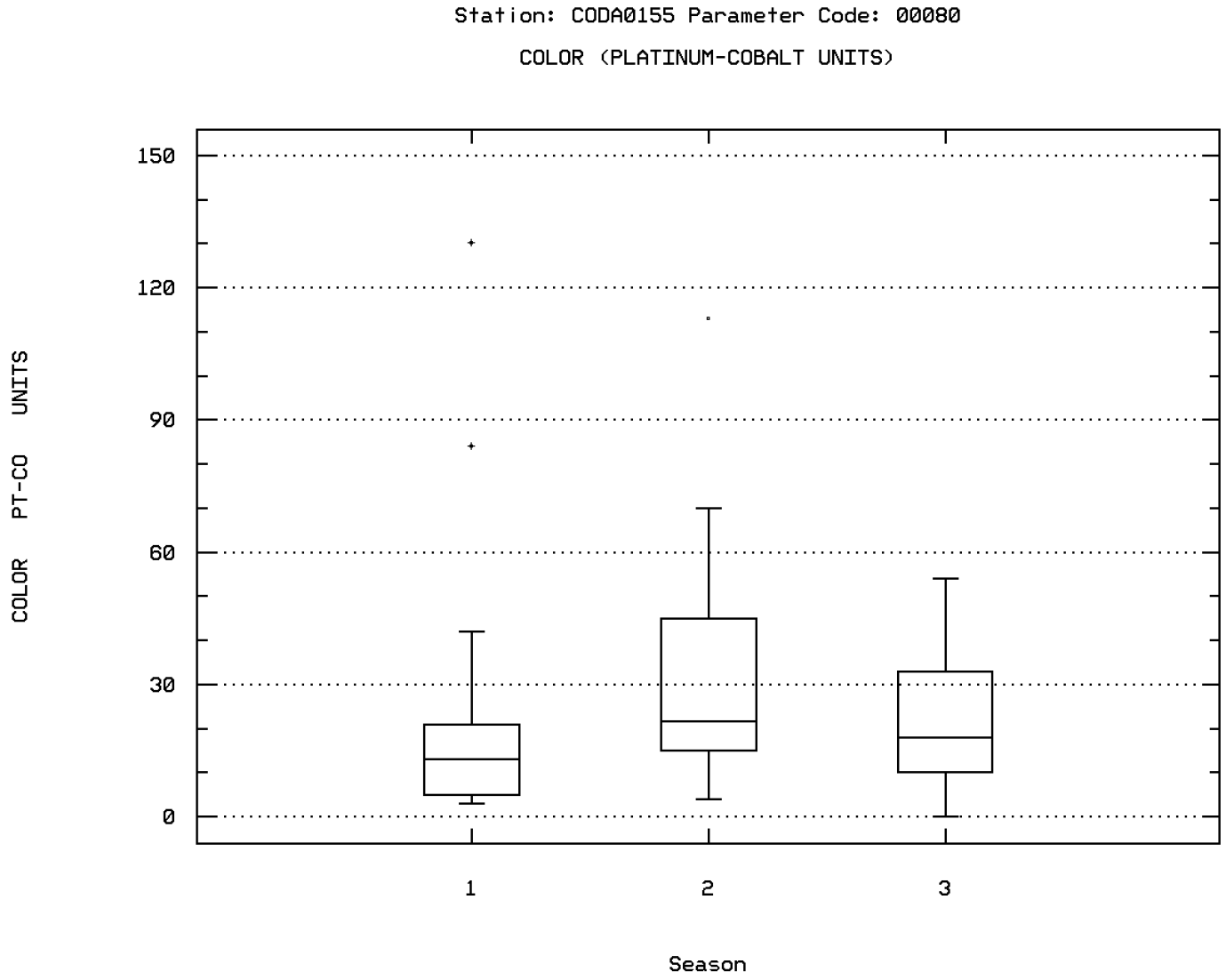
Seasonal Analysis for Season #3: 4/16 to 8/14 - Station CODA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-02/03/88	30	140.	141.5	182.	108.	604.948	24.596	110.	117.75	167.	171.9
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	29	6.	5.172	10.	0.	8.648	2.941	2.	2.	8.	9.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	30	38.	37.567	48.	29.	33.22	5.764	30.1	32.	44.	44.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	30	11.	11.613	16.	8.2	6.859	2.619	8.3	9.075	14.25	15.
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	30	4.95	5.22	7.9	4.	1.127	1.062	4.01	4.2	6.025	6.76
00931	SODIUM ADSORPTION RATIO	03/17/64-09/27/72	9	0.2	0.2	0.2	0.2	0.	0.	0.2	0.2	0.2	0.2
00932	SODIUM, PERCENT	03/17/64-09/27/72	9	7.	6.889	8.	6.	0.361	0.601	6.	6.5	7.	8.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	30	2.	2.157	3.2	1.4	0.309	0.556	1.41	1.75	2.625	3.09
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	30	1.	1.19	3.	0.	0.471	0.686	0.5	0.8	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	30	14.	14.5	22.	9.	10.81	3.288	10.1	12.	17.	19.9
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	23	0.2	0.165	0.2	0.	0.003	0.057	0.1	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	23	2.	8.096	18.	1.5	53.819	7.336	1.64	1.9	16.	18.
01040	COPPER, DISSOLVED (UG/L AS CU)	03/17/64-09/27/72	9	2.	7.	50.	0.	261.25	16.163	0.	1.	3.	50.
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/17/64-09/27/72	9	20.	14.444	40.	0.	227.778	15.092	0.	0.	25.	40.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/27/60-08/23/70	14	930.	5754.286	46000.	110.	154405903.297	12426.017	170.	382.5	3875.	30500.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/27/60-08/23/70	14	2.968	3.104	4.663	2.041	0.537	0.733	2.202	2.57	3.392	4.419
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1271.761								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	50	73.5	102.58	650.	4.	12898.534	113.572	15.	38.	120.	198.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	50	1.866	1.81	2.813	0.602	0.201	0.449	1.176	1.579	2.079	2.296
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			64.541								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	23	178.	179.	215.	141.	632.182	25.143	144.2	152.	201.	212.

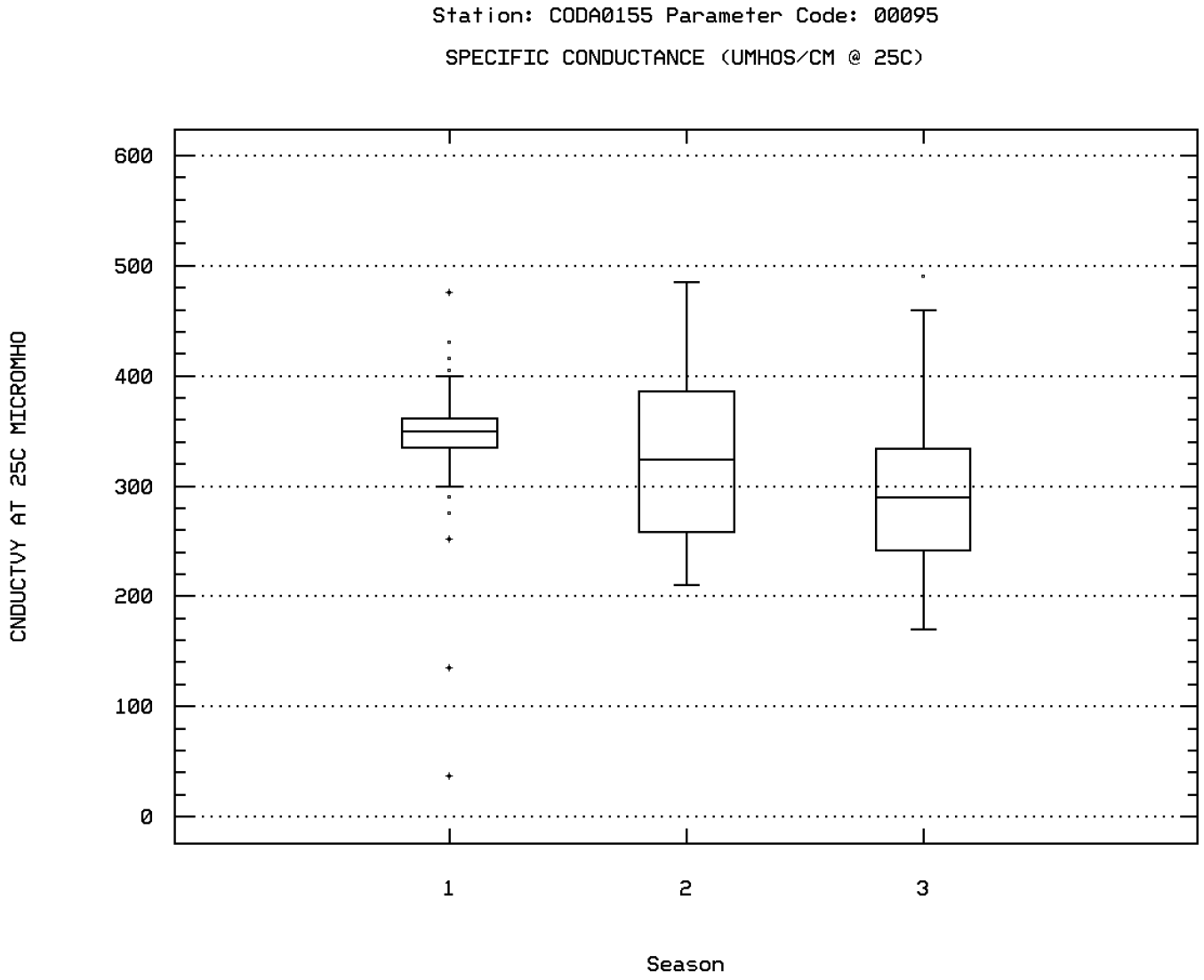
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



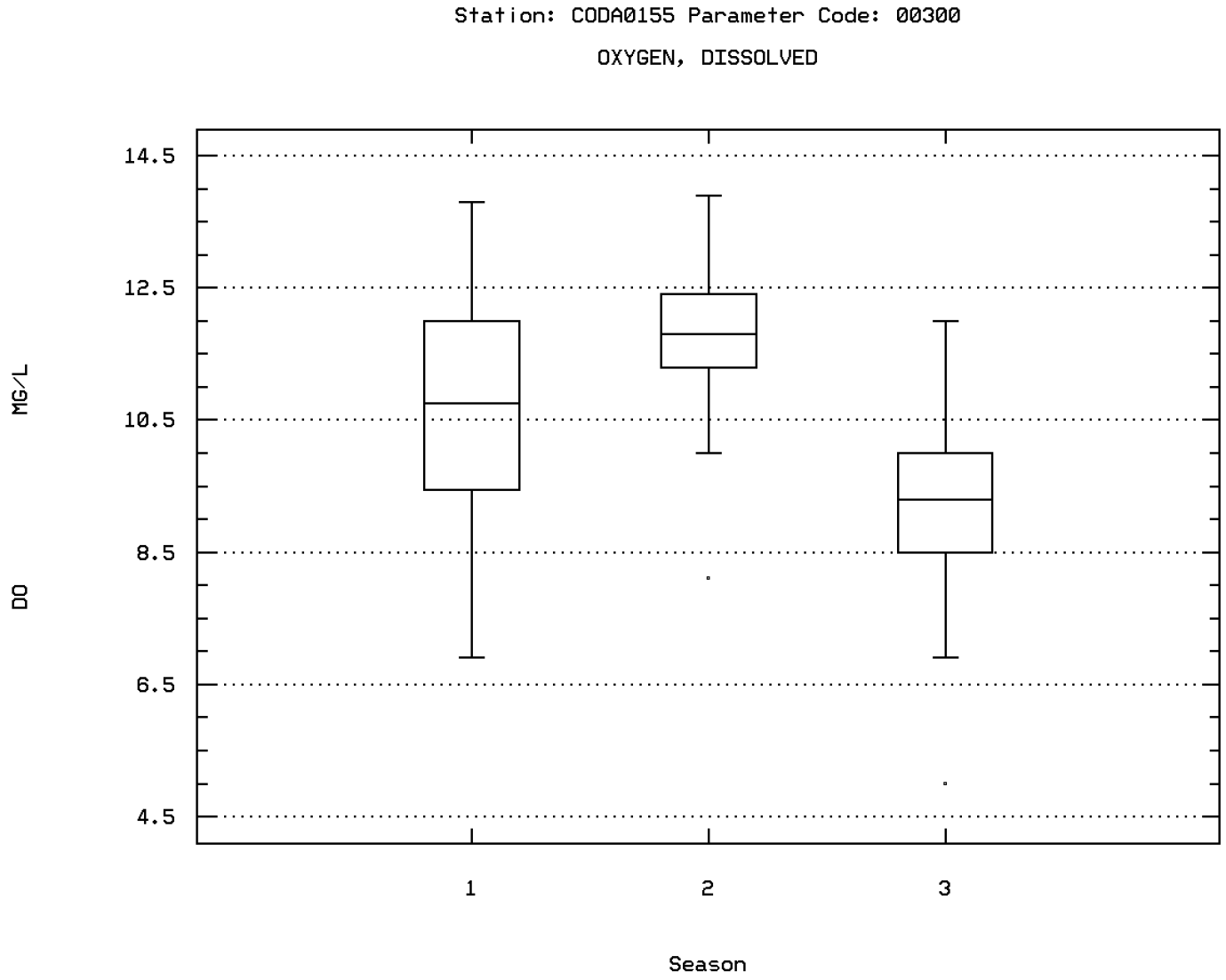
COLVILLE RIVER AT KETTLE FALLS



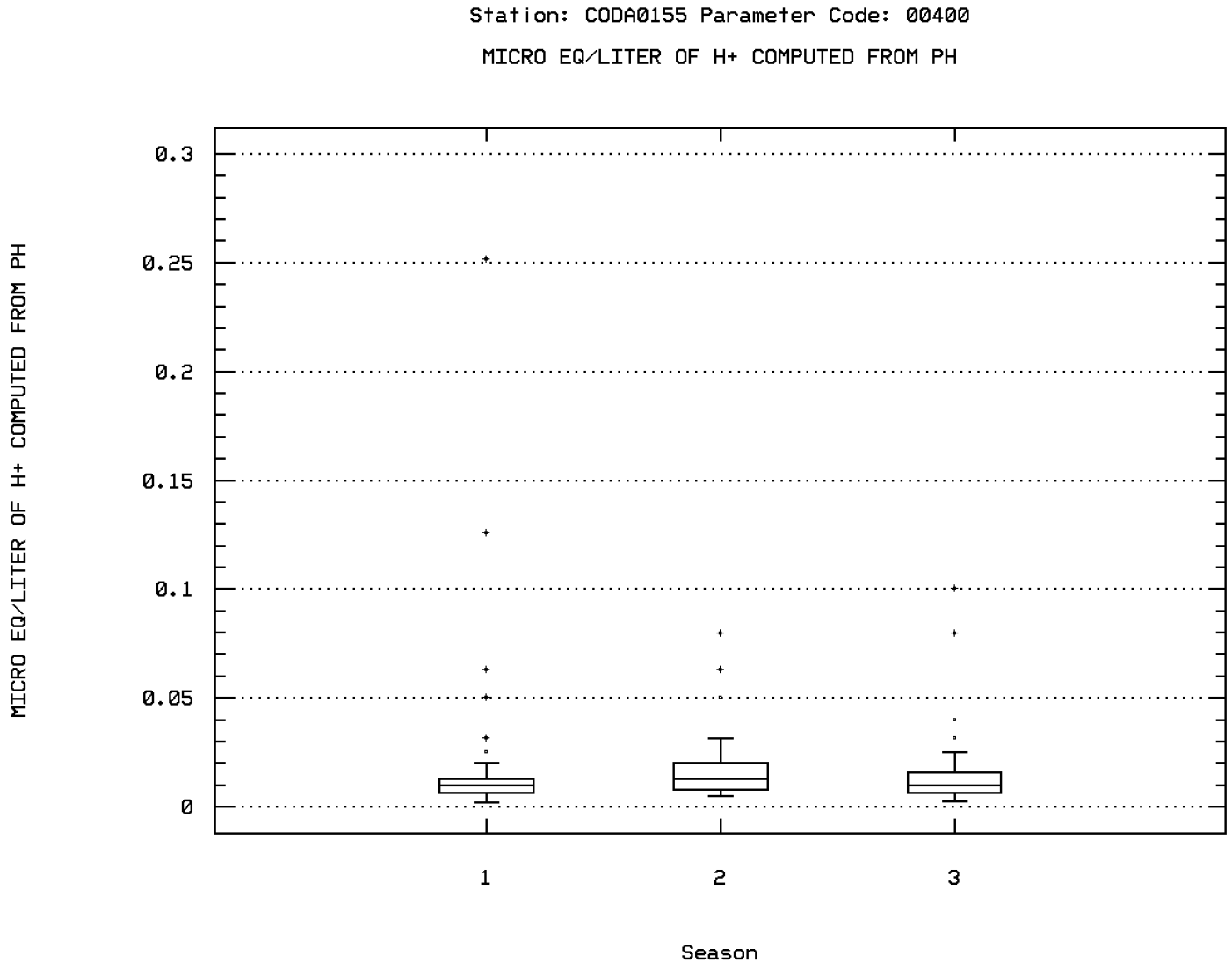
COLVILLE RIVER AT KETTLE FALLS



COLVILLE RIVER AT KETTLE FALLS



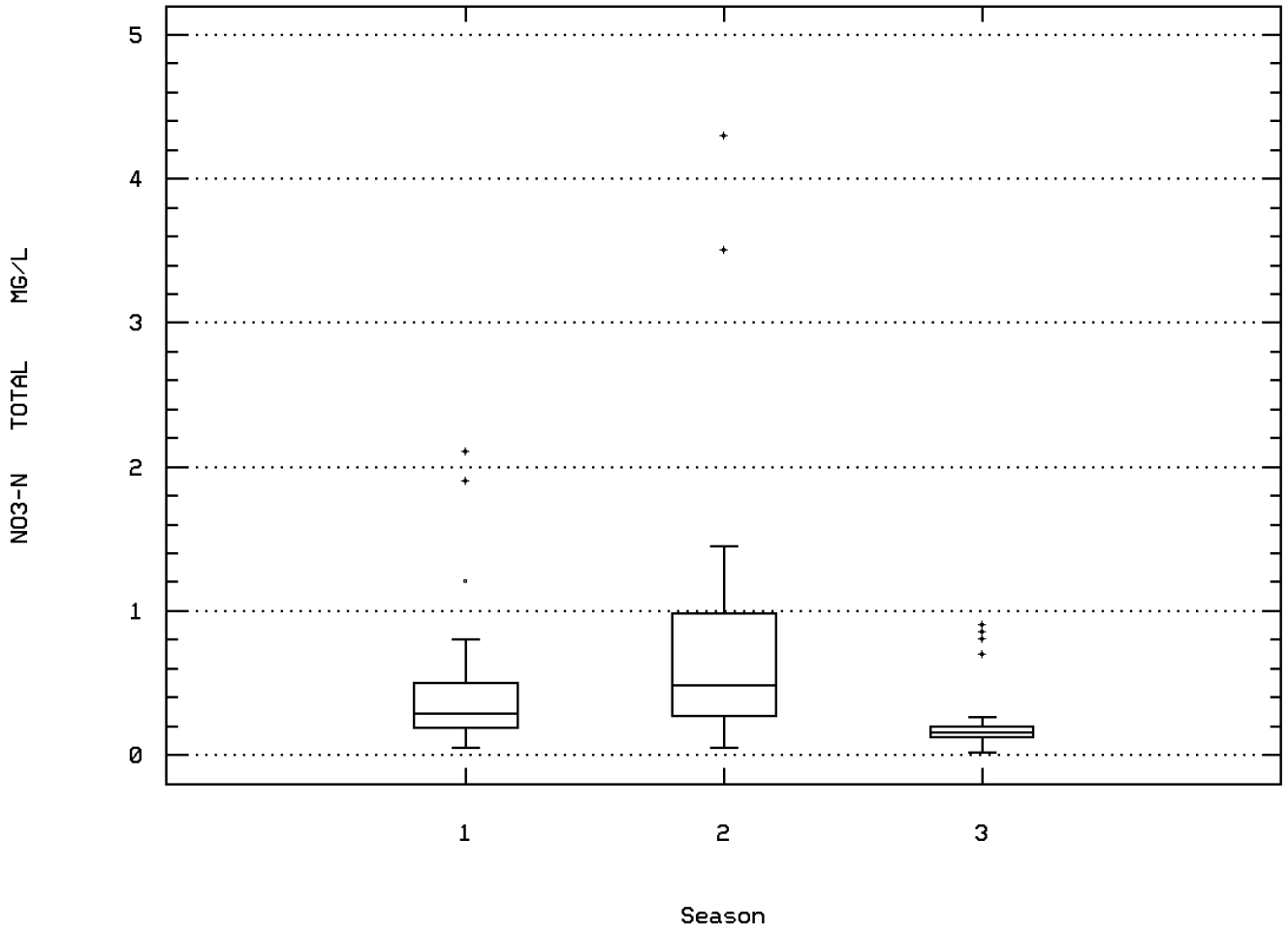
COLVILLE RIVER AT KETTLE FALLS



COLVILLE RIVER AT KETTLE FALLS

Station: CODA0155 Parameter Code: 00620

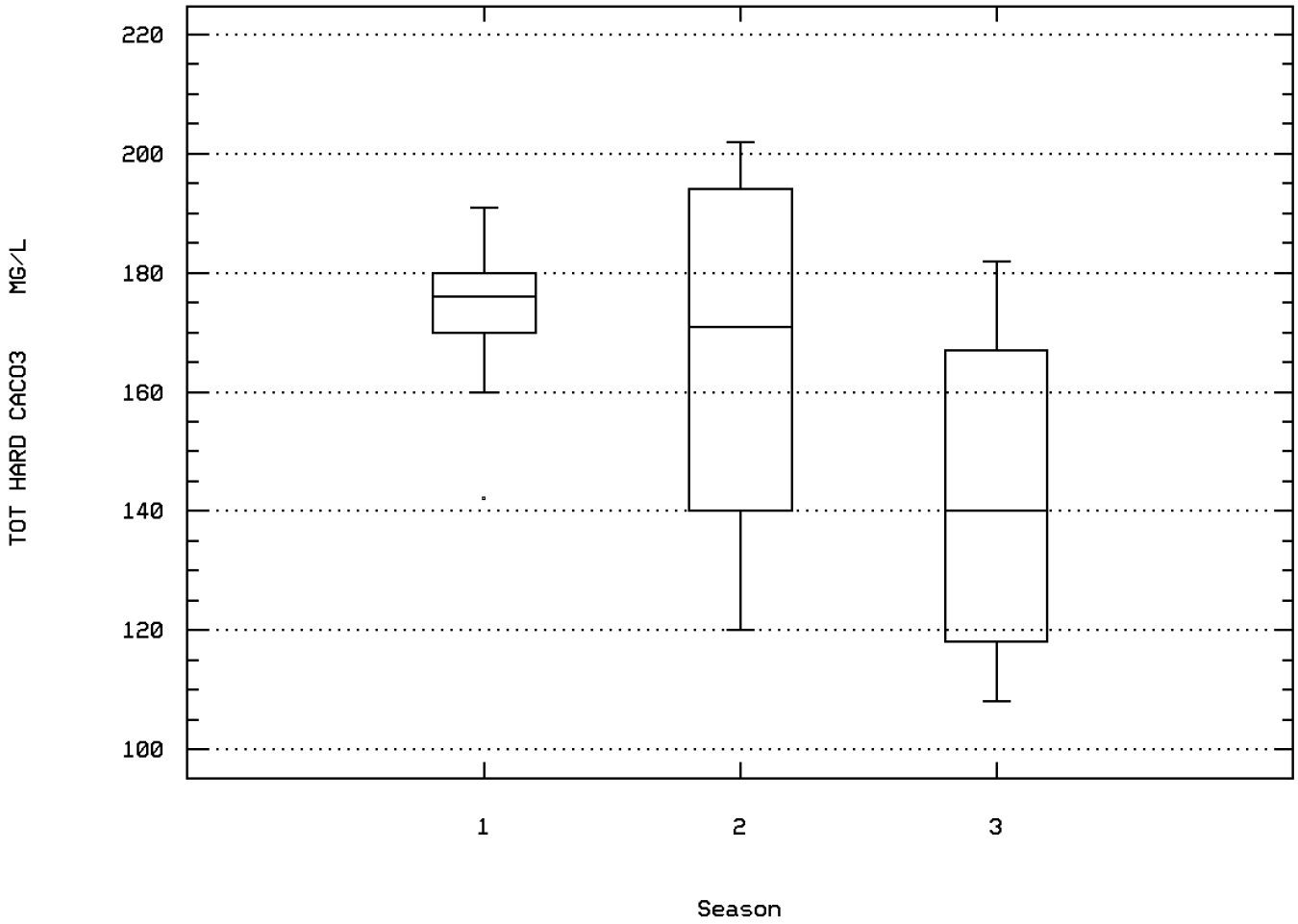
NITRATE NITROGEN, TOTAL (MG/L AS N)



COLVILLE RIVER AT KETTLE FALLS

Station: CODA0155 Parameter Code: 00900

HARDNESS, TOTAL (MG/L AS CACO3)



COLVILLE RIVER AT KETTLE FALLS

Station Inventory for Station: CODA0156

NPS Station ID: CODA0156
LAT/LON: 48.596670/-118.056726
Agency: NITROGEN
Date Created: / /
Location: MEYER FALLS FOREBAY
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /AMBNT/STREAM
STORET Station ID(s): SMMFF1
RMI-Indexes: 1310001 007100
Within Park Boundary: No
RMI-Miles: 0695.00 0005.50
HUC: 17020003
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLUMBIA
ECO Region:
RF1 Index: 17020003001
RF1 Mile Point: 2.980
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
SM MEYER FALLS STATION 5M UPSTREAM ON COLVILLE RIVER IN FOREBAY

Parameter Inventory for Station: CODA0156

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: CODA0157

NPS Station ID: CODA0157
LAT/LON: 48.596670/-118.056726
Agency: NITROGEN
Date Created: / /
Location: MEYER FALLS BLW POWERHOUSE
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /AMBNT/STREAM
STORET Station ID(s): SMMFP1
RMI-Indexes: 1310001 007100
Within Park Boundary: No
RMI-Miles: 0695.00 0005.50
HUC: 17020003
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLUMBIA
ECO Region:
RF1 Index: 17020003001
RF1 Mile Point: 2.980
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
SM MEYER FALLS STATION 5M UPSTREAM ON COLVILLE RIVER

Parameter Inventory for Station: CODA0157

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: CODA0158

NPS Station ID: CODA0158 LAT/LON: 48.608892/-118.120281 Agency: 112WRD Date Created: 01/30/93
Location: LAKE ROOSEVELT NEAR WEST KETTLE FALLS LB FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 483632118071300
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	23.2	23.2	23.2	23.2	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	1494.	1494.	1494.	1494.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	8.	8.	8.	8.	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	103.	103.	103.	103.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	292.	292.	292.	292.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/09/92-10/09/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	443.	443.	443.	443.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	1710.	1710.	1710.	1710.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/09/92-10/09/92	1	720.	720.	720.	720.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/09/92-10/09/92	1	2.06	2.06	2.06	2.06	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	1	1.75	1.75	1.75	1.75	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/09/92-10/09/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/09/92-10/09/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/09/92-10/09/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/09/92-10/09/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/09/92-10/09/92	1 ##	8.	8.	8.	8.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/09/92-10/09/92	1	64.	64.	64.	64.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/09/92-10/09/92	1	89.	89.	89.	89.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/09/92-10/09/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/09/92-10/09/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/09/92-10/09/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/09/92-10/09/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/09/92-10/09/92	1	27.	27.	27.	27.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/09/92-10/09/92	1	44.	44.	44.	44.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/09/92-10/09/92	1	19.	19.	19.	19.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/09/92-10/09/92	1	9.	9.	9.	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

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

Station Inventory for Station: CODA0159

NPS Station ID: CODA0159
LAT/LON: 48.633337/-118.100003
Agency: NITROGEN
Date Created: / /
Location: COLUMBIA 100 MI UP FM COULEE DAM
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): WFCF07
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0698.00
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001064
RF1 Mile Point: 3.800
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	1	11.4	11.4	11.4	11.4	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	1	115.3	115.3	115.3	115.3	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	1	133.6	133.6	133.6	133.6	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: CODA0159

				Total	Exceed	Prop.	8/15-1/31			2/01-4/15			4/16-8/14			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0160

NPS Station ID: CODA0160
LAT/LON: 48.633337/-118.100003
Agency: NITROGEN
Date Created: / /
Location: COLUMBIA 100 MI UP FM COULEE DAM
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): WFCF08
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0698.00
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001064
RF1 Mile Point: 3.800
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	1	114.5	114.5	114.5	114.5	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	1	133.8	133.8	133.8	133.8	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: CODA0160

				Total	Exceed	Prop.	8/15-1/31			2/01-4/15			4/16-8/14			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0161

NPS Station ID: CODA0161
LAT/LON: 48.633337/-118.100003
Agency: NITROGEN
Date Created: / /
Location: COLUMBIA 100 MI UP FM COULEE DAM
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): WFCF09
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0698.00
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001064
RF1 Mile Point: 3.800
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	1	10.6	10.6	10.6	10.6	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	1	101.1	101.1	101.1	101.1	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	1	136.7	136.7	136.7	136.7	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0161

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0162

NPS Station ID: CODA0162
LAT/LON: 48.633337/-118.116671
Agency: NITROGEN
Date Created: / /
Location: COLUMBIA AT KETTLE FALLS CENTER
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SMKFC8
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0698.60
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001015
RF1 Mile Point: 0.990
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0162

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: CODA0163

NPS Station ID: CODA0163
LAT/LON: 48.633337/-118.116671
Agency: NITROGEN
Date Created: / /
Location: COLUMBIA AT KETTLE FALLS LEFT
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SMKFL8
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0698.60
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001064
RF1 Mile Point: 3.370
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/21/72-05/26/72	3	8.	7.533	8.7	5.9	2.123	1.457	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/21/72-05/26/72	3	12.6	12.6	12.8	12.4	0.04	0.2	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/21/72-05/26/72	3	109.9	110.367	113.6	107.6	9.163	3.027	**	**	**	**
00400	PH (STANDARD UNITS)	04/21/72-04/21/72	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/21/72-04/21/72	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/72-04/21/72	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/21/72-04/21/72	1	68.	68.	68.	68.	0.	0.	**	**	**	**
73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/21/72-05/26/72	3	17.2	17.267	18.	16.6	0.493	0.702	**	**	**	**
73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/21/72-05/26/72	3	1.1	1.133	1.2	1.1	0.003	0.058	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/21/72-05/05/72	2	112.65	112.65	113.9	111.4	3.125	1.768	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0163

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00							3	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			

& - 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: CODA0164

NPS Station ID: CODA0164
LAT/LON: 48.633337/-118.116671
Agency: NITROGEN
Date Created: / /
Location: COLUMBIA AT KETTLE FALLS RIGHT
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SMKFR8
RMI-Indexes: 1310001
Within Park Boundary: Yes
RMI-Miles: 0698.60
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001064
RF1 Mile Point: 3.370
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/21/72-05/26/72	3	8.	7.5	8.7	5.8	2.29	1.513	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/21/72-05/26/72	3	12.6	12.567	12.7	12.4	0.023	0.153	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/21/72-05/26/72	3	109.9	110.033	113.6	106.6	12.263	3.502	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/72-05/26/72	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/26/72-05/26/72	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/72-05/26/72	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/26/72-05/26/72	1	59.	59.	59.	59.	0.	0.	**	**	**	**
73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/21/72-05/26/72	3	17.1	17.167	17.8	16.6	0.363	0.603	**	**	**	**
73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/21/72-05/26/72	3	1.1	1.133	1.2	1.1	0.003	0.058	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	04/21/72-05/05/72	2	112.65	112.65	113.9	111.4	3.125	1.768	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0164

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00							3	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			

& - 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: CODA0165

NPS Station ID: CODA0165 LAT/LON: 48.663616/-118.084727 Agency: 112WRD Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR MARCUS ISLAND LB FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 483949118050500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	31.5	31.5	31.5	31.5	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	25.9	25.9	25.9	25.9	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	1724.	1724.	1724.	1724.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	111.	111.	111.	111.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	412.	412.	412.	412.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	509.	509.	509.	509.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	2170.	2170.	2170.	2170.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	1.79	1.79	1.79	1.79	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	4.56	4.56	4.56	4.56	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	740.	740.	740.	740.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	2.54	2.54	2.54	2.54	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1	46.	46.	46.	46.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0166

NPS Station ID: CODA0166
LAT/LON: 48.666671/-118.050004
Agency: 1119C050
Date Created: / /
Location: COLVILLE R AT KETTLE FALLS
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 543131 /59A070
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020003
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA R AB YAKIMA RIVER
ECO Region:
RF1 Index: 17020003001
RF1 Mile Point: 3.470
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
STA EST 11-71 FOR COOPERATIVE NUTRIENT BALANCE STUDY

Parameter Inventory for Station: CODA0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/71-04/26/72	6	5.7	5.833	9.4	3.4	4.599	2.144	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	11/10/71-09/27/72	15	280.	364.267	700.	80.	65383.638	255.702	94.4	134.	664.	680.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/17/71-11/17/71	1	0.027	0.027	0.027	0.027	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/17/71-11/17/71	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/17/71-11/17/71	1	0.336	0.336	0.336	0.336	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/17/71-11/17/71	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/17/71-11/17/71	1	0.069	0.069	0.069	0.069	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/17/71-11/17/71	1	0.065	0.065	0.065	0.065	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/10/71-09/27/72	14	4.4	4.521	19.5	0.5	24.343	4.934	0.75	1.	5.15	14.25
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	11/10/71-09/27/72	15	37.	36.607	46.	27.3	35.141	5.928	28.62	30.8	42.	45.4
00690	CARBON, TOTAL (MG/L AS C)	11/10/71-09/27/72	15	40.7	41.053	53.6	32.8	33.896	5.822	33.52	35.2	45.8	49.64

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

EPA Water Quality Criteria Analysis for Station: CODA0166

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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									

& - 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: CODA0167

NPS Station ID: CODA0167
LAT/LON: 48.666671/-118.150003
Agency: 113FORS6
Date Created: 06/12/78
Location: NANCY CREEK
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 21003213
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLUMBIA
ECO Region:
RF1 Index: 17020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
U S FOREST SERVICE REGION 6 SAMPLING SITE. T37N R37E SECT 31 SENE. BASELINE STATION. CONTACT HYDROLOGIST COLVILLE N F, 509 684 5221.

Parameter Inventory for Station: CODA0167

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: CODA0168

NPS Station ID: CODA0168
LAT/LON: 48.666671/-118.150003
Agency: 113FORS6
Date Created: 09/27/80
Location: NANCY CREEK
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 21150205 /212150205
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLUMBIA
ECO Region:
RF1 Index: 17020001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
U S FOREST SERVICE REGION 6 SAMPLING SITE. T37N R37E SECT 31 SENE. BASELINE STATION. CONTACT HYDROLOGIST COLVILLE N F, 509 684 5221.

Parameter Inventory for Station: CODA0168

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: CODA0169

NPS Station ID: CODA0169 LAT/LON: 48.669726/-118.085560 Agency: 112WRD Date Created: 01/30/93
Location: LAKE ROOSEVELT NEAR MARCUS ISLAND MS FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 484011118050800
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	13.	13.	13.	13.	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	14.	14.	14.	14.	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	1560.	1560.	1560.	1560.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	104.	104.	104.	104.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	173.	173.	173.	173.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	308.	308.	308.	308.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	1030.	1030.	1030.	1030.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	1.16	1.16	1.16	1.16	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	4.02	4.02	4.02	4.02	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	700.	700.	700.	700.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	1	2.54	2.54	2.54	2.54	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	1.61	1.61	1.61	1.61	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	1.93	1.93	1.93	1.93	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1	82.	82.	82.	82.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0170

NPS Station ID: CODA0170 LAT/LON: 48.671116/-118.095838 Agency: 112WRD Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR MARCUS ISLAND RB FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 484016118054500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	6.12	6.12	6.12	6.12	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	1412.	1412.	1412.	1412.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	94.	94.	94.	94.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	96.	96.	96.	96.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	152.	152.	152.	152.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	418.	418.	418.	418.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	660.	660.	660.	660.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	1	2.73	2.73	2.73	2.73	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	1.82	1.82	1.82	1.82	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	2.11	2.11	2.11	2.11	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/08/92-10/08/92	1	2900.	2900.	2900.	2900.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1	77.	77.	77.	77.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0171

NPS Station ID: CODA0171 LAT/LON: 48.672226/-118.051393 Agency: 10EPACOP Date Created: 10/22/88
Location: LAKE ROOSEVELT AT MARCUS ISLAND R.M. 708.9 FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /RESERV/TYPA/AMBNT/FISH/SOLIDS/TISSUE STORET Station ID(s): 05A020
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17020001 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020001065 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
SEDIMENT TAKEN MID-CHANNEL OFF NW END OF MARCUS ISLAND.

Parameter Inventory for Station: CODA0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/86-09/24/86	1	15.1	15.1	15.1	15.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/24/86-09/24/86	2	145.	145.	146.	144.	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/24/86-09/24/86	2	9.55	9.55	9.6	9.5	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/86-09/24/86	2	7.7	7.7	7.9	7.5	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/86-09/24/86	2	7.655	7.655	7.9	7.5	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/86-09/24/86	2	0.022	0.022	0.032	0.013	0.	0.013	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/24/86-09/24/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/24/86-09/24/86	2	85.5	85.5	87.	84.	4.5	2.121	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	09/24/86-09/24/86	2	5.	5.	7.	3.	8.	2.828	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/24/86-09/24/86	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/24/86-09/24/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/24/86-09/24/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/24/86-09/24/86	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/24/86-09/24/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/24/86-09/24/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/24/86-09/24/86	2 ##	4.25	4.25	8.	0.5	28.125	5.303	**	**	**	**
01360	SAMPLE LENGTH CM	09/24/86-09/24/86	1	124.	124.	124.	124.	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/24/86-09/24/86	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/24/86-09/24/86	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/24/86-09/24/86	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/24/86-09/24/86	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/24/86-09/24/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0171

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------8/15-1/31---------- Obs	Exceed	Prop.	----------2/01-4/15---------- Obs	Exceed	Prop.	----------4/16-8/14---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	0	0.00	2	0	0.00									
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									
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	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

EPA Water Quality Criteria Analysis for Station: CODA0171

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: CODA0172

NPS Station ID: CODA0172 LAT/LON: 48.674171/-118.116115 Agency: 21540000 Date Created: / /
Location: KETTLE RIVER AT HEDLUND BRIDGE FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 60A050 /1960A050 /COL080 /541220
RMI-Indexes: 1310001 007190 Within Park Boundary: Yes
RMI-Miles: 0706.40 0001.10
HUC: 17020001 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: UPPER COLUMBIA (KETTLE-60) ECO Region:
RF1 Index: 17020001015 RF1 Mile Point: 0.210 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:
LOCATED NEAR THE MOUTH OF THE KETTLE RIVER AT HEDLUND RAILROAD BRIDGE SOUTHWEST OF KAMLOOPS ISLAND
NORTH EASTERN REGION 7.5 QUAD- MARCUS
ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 1330

Parameter Inventory for Station: CODA0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/12/67-06/27/68	5	6.	6.02	11.2	0.8	26.272	5.126	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/12/67-06/27/68	4	3.5	4.5	8.	3.	5.667	2.38	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/12/67-06/27/68	5	11.4	11.08	12.4	9.6	1.992	1.411	**	**	**	**
00400	PH (STANDARD UNITS)	03/26/68-06/27/68	3	7.5	7.533	7.8	7.3	0.063	0.252	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/26/68-06/27/68	3	7.5	7.488	7.8	7.3	0.066	0.258	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/26/68-06/27/68	3	0.032	0.033	0.05	0.016	0.	0.017	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/26/68-06/27/68	3	2.	6.	16.	0.	76.	8.718	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/67-06/27/68	3	100.	86.667	160.	0.	6533.333	80.829	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/67-06/27/68	3	2.	1.401	2.204	0.	1.483	1.218	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			25.198								

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

EPA Water Quality Criteria Analysis for Station: CODA0172

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	5	0	0.00	2	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			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

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

Station Inventory for Station: CODA0173

NPS Station ID: CODA0173 LAT/LON: 48.683337/-118.116671 Agency: 10EPACOP Date Created: 10/22/88
Location: KETTLE RIVER AT HEDLUND BRIDGE FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /RESERV/TYPA/AMBNT/SOLIDS STORET Station ID(s): 05K000 /60A050
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17020002 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020002001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
SEDIMENT TAKEN AT MIDCHANNEL, .3 MI UPSTRM FROM KAMLOOPS IS BR.

Parameter Inventory for Station: CODA0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-05/14/86	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/14/86-05/14/86	1	8390.	8390.	8390.	8390.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/14/86-05/14/86	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/14/86-05/14/86	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/14/86-05/14/86	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-05/14/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/14/86-05/14/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/14/86-05/14/86	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/86-05/14/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/14/86-05/14/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/86-05/14/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/14/86-05/14/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/14/86-05/14/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/14/86-05/14/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/14/86-05/14/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/14/86-05/14/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/14/86-05/14/86	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0173

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a 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			
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			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	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			

& - 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: CODA0173

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	1	0	0.00							1	0	0.00			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	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: CODA0174

NPS Station ID: CODA0174 LAT/LON: 48.683893/-118.020281 Agency: 112WRD Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR SUMMER ISLAND RB2 FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 484102118011300
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0174

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	5.	5.	5.	5.	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	15.6	15.6	15.6	15.6	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	15.4	15.4	15.4	15.4	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	1666.	1666.	1666.	1666.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	70.3	70.3	70.3	70.3	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	169.	169.	169.	169.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	419.	419.	419.	419.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	2020.	2020.	2020.	2020.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	1.37	1.37	1.37	1.37	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	620.	620.	620.	620.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/07/92-10/07/92	1	2.58	2.58	2.58	2.58	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	1	1.33	1.33	1.33	1.33	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	1	1.49	1.49	1.49	1.49	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/07/92-10/07/92	1	800.	800.	800.	800.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	1	30.	30.	30.	30.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0175

NPS Station ID: CODA0175 LAT/LON: 48.685004/-118.031949 Agency: 112WRD Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR SUMMER ISLAND RB1 FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 484106118015500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0175

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	22.2	22.2	22.2	22.2	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	20.4	20.4	20.4	20.4	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	1613.	1613.	1613.	1613.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	118.	118.	118.	118.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	297.	297.	297.	297.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	655.	655.	655.	655.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	1780.	1780.	1780.	1780.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	4.09	4.09	4.09	4.09	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	670.	670.	670.	670.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/07/92-10/07/92	1	3.25	3.25	3.25	3.25	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	1	2.18	2.18	2.18	2.18	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	1	1.51	1.51	1.51	1.51	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/07/92-10/07/92	1	200.	200.	200.	200.	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/07/92-10/07/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	1	82.	82.	82.	82.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/07/92-10/07/92	1	34.	34.	34.	34.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/07/92-10/07/92	1	56.	56.	56.	56.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/07/92-10/07/92	1	12.	12.	12.	12.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/07/92-10/07/92	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

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

Station Inventory for Station: CODA0176

NPS Station ID: CODA0176 LAT/LON: 48.733892/-118.115838 Agency: 112WRD Date Created: 01/09/93
Location: KETTLE RIVER BELOW NAPOLEON BRIDGE RB2 FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 484402118065700
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	1697.	1697.	1697.	1697.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	78.3	78.3	78.3	78.3	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	28.	28.	28.	28.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	17.4	17.4	17.4	17.4	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	44.	44.	44.	44.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	2.13	2.13	2.13	2.13	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	370.	370.	370.	370.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	1	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	3.55	3.55	3.55	3.55	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/08/92-10/08/92	1	15.	15.	15.	15.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: CODA0177

NPS Station ID: CODA0177 LAT/LON: 48.734449/-118.115838 Agency: 112WRD Date Created: 01/30/93
Location: KETTLE RIVER BELOW NAPOLEON BRIDGE RB1 FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 484404118065700
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	0.722	0.722	0.722	0.722	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	1284.	1284.	1284.	1284.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	82.3	82.3	82.3	82.3	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	23.	23.	23.	23.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	19.6	19.6	19.6	19.6	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	70.	70.	70.	70.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	500.	500.	500.	500.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	1	1.27	1.27	1.27	1.27	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	2.42	2.42	2.42	2.42	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: CODA0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/08/92-10/08/92	1 ##	300.	300.	300.	300.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/08/92-10/08/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/08/92-10/08/92	1	10.	10.	10.	10.	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/08/92-10/08/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1	44.	44.	44.	44.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/08/92-10/08/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/08/92-10/08/92	1	14.	14.	14.	14.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/08/92-10/08/92	1	24.	24.	24.	24.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/08/92-10/08/92	1	10.	10.	10.	10.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/08/92-10/08/92	1	5.	5.	5.	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: CODA0178

NPS Station ID: CODA0178 LAT/LON: 48.734449/-118.116392 Agency: 112WRD Date Created: 01/09/93
Location: KETTLE RIVER BELOW NAPOLEON BRIDGE LB FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 484404118065900
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: CODA0178

Parameter		Period of Record	Obs		Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1		7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1		0.818	0.818	0.818	0.818	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1		2.38	2.38	2.38	2.38	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1		1580.	1580.	1580.	1580.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1	##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1		64.2	64.2	64.2	64.2	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1		10.	10.	10.	10.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/08/92-10/08/92	1		0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1		19.8	19.8	19.8	19.8	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1		40.	40.	40.	40.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1	##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1		1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/08/92-10/08/92	1		380.	380.	380.	380.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/08/92-10/08/92	1		0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1		1.94	1.94	1.94	1.94	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1		2.44	2.44	2.44	2.44	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/08/92-10/08/92	1		0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1		0.	0.	0.	0.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/08/92-10/08/92	1		13.	13.	13.	13.	0.	0.	**	**	**	**

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

Station Inventory for Station: CODA0179

NPS Station ID: CODA0179 | LAT/LON: 48.750005/-118.166671 | Agency: 1119C050 | Date Created: / /
Location: KETTLE R NR BARSTOW,WASH | FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 543132 /60A070
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: COLUMBIA R AB YAKIMA RIVER | ECO Region:
RF1 Index: | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
STA EST 11-71 FOR COOPERATIVE NUTRIENT BALANCE STUDY

Parameter Inventory for Station: CODA0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/71-04/26/72	6	5.1	5.567	9.	2.5	4.723	2.173	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	11/10/71-09/27/72	12	1685.	5433.583	24500.	337.	52530413.72	7247.787	354.7	590.	10060.	20330.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/17/71-11/17/71	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/17/71-11/17/71	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/17/71-11/17/71	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/17/71-11/17/71	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/17/71-11/17/71	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/17/71-11/17/71	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/10/71-09/27/72	14	3.4	4.129	8.8	1.	5.644	2.376	1.45	2.225	6.025	8.2
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	11/10/71-09/27/72	15	16.9	15.413	25.	6.4	33.181	5.76	7.06	10.	20.5	23.8
00690	CARBON, TOTAL (MG/L AS C)	11/10/71-09/27/72	15	18.1	18.84	26.	12.8	20.418	4.519	13.4	14.5	23.	25.4

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

EPA Water Quality Criteria Analysis for Station: CODA0179

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
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									

& - 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: CODA0180

NPS Station ID: CODA0180
LAT/LON: 48.760004/-118.160004
Agency: NITROGEN
Date Created: / /
Location: COL. R. AT NORTHPORT
FIPS State/County: 53000 WASHINGTON/
Station Type: /AMBNT/STREAM
STORET Station ID(s): EPACN0
RMI-Indexes: 1310001
Within Park Boundary: No
RMI-Miles: 0734.50
HUC: 17020002
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLUMBIA
ECO Region:
RF1 Index: 17020002
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
EPA COLUMBIA RIVER STATION AT NORTHPORT

Parameter Inventory for Station: CODA0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/31/72-10/31/72	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/31/72-10/31/72	1	11.3	11.3	11.3	11.3	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/31/72-10/31/72	1	102.7	102.7	102.7	102.7	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	10/31/72-10/31/72	1	118.1	118.1	118.1	118.1	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: CODA0180

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0181

NPS Station ID: CODA0181
LAT/LON: 48.767226/-118.035560
Agency: 112WRD
Date Created: 01/09/93
Location: LAKE ROOSEVELT NEAR BOSSBORG RB
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 484602118020800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0181

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)	10/07/92-10/07/92	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/07/92-10/07/92	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/07/92-10/07/92	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/07/92-10/07/92	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/07/92-10/07/92	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	17.1	17.1	17.1	17.1	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	12.9	12.9	12.9	12.9	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	1508.	1508.	1508.	1508.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	70.5	70.5	70.5	70.5	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	228.	228.	228.	228.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	278.	278.	278.	278.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	1412.	1412.	1412.	1412.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	0.91	0.91	0.91	0.91	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	600.	600.	600.	600.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/07/92-10/07/92	1	2.21	2.21	2.21	2.21	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	1	2.77	2.77	2.77	2.77	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	1	1.87	1.87	1.87	1.87	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/07/92-10/07/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/07/92-10/07/92	1	20.	20.	20.	20.	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/07/92-10/07/92	1	5.	5.	5.	5.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	1	33.	33.	33.	33.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/07/92-10/07/92	1	65.	65.	65.	65.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/07/92-10/07/92	1	86.	86.	86.	86.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/07/92-10/07/92	1	95.	95.	95.	95.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/07/92-10/07/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/07/92-10/07/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/07/92-10/07/92	1	12.	12.	12.	12.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/07/92-10/07/92	1	19.	19.	19.	19.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/07/92-10/07/92	1	8.	8.	8.	8.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/07/92-10/07/92	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

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

Station Inventory for Station: CODA0182

NPS Station ID: CODA0182
LAT/LON: 48.783337/-118.133337
Agency: NITROGEN
Date Created: / /
Location: KETTLE RIVER ABOVE BARSTOW BR
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): WFKTR2
RMI-Indexes: 1310001 007190
Within Park Boundary: No
RMI-Miles: 0706.40 0012.00
HUC: 17020002
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020002002
RF1 Mile Point: 7.180
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/72-06/21/72	1	12.8	12.8	12.8	12.8	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/21/72-06/21/72	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/21/72-06/21/72	1	103.2	103.2	103.2	103.2	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/21/72-06/21/72	1	112.7	112.7	112.7	112.7	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0182

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0183

NPS Station ID: CODA0183
LAT/LON: 48.783337/-118.150003
Agency: NITROGEN
Date Created: / /
Location: KETTLE RIVER 10 MI UPSTREAM
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): SMKRC9
RMI-Indexes: 1310001 007190
Within Park Boundary: No
RMI-Miles: 0706.40 0010.00
HUC: 17020002
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020002004
RF1 Mile Point: 0.720
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/72-05/25/72	3	8.	8.333	9.8	7.2	1.773	1.332	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/20/72-05/25/72	3	12.1	12.	12.6	11.3	0.43	0.656	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/20/72-05/25/72	3	105.3	107.467	112.1	105.	16.123	4.015	**	**	**	**
00400	PH (STANDARD UNITS)	04/20/72-05/25/72	2	6.11	6.11	6.12	6.1	0.	0.014	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/20/72-05/25/72	2	6.11	6.11	6.12	6.1	0.	0.014	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/72-05/25/72	2	0.776	0.776	0.794	0.759	0.001	0.025	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/72-05/25/72	2	40.5	40.5	57.	24.	544.5	23.335	**	**	**	**
73001	NITROGEN + ARGON, DISS. BY VAN SLYKE PROCESS ML/L	04/20/72-05/25/72	3	15.9	16.267	17.5	15.4	1.203	1.097	**	**	**	**
73003	NITROGEN + ARGON, DISS. BY VAN SLYKE PROC. % SAT.	04/20/72-05/25/72	3	1.1	1.1	1.2	1.	0.01	0.1	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	05/05/72-05/05/72	1	112.1	112.1	112.1	112.1	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: CODA0183

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00							3	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	2	1.00							2	2	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: CODA0184

NPS Station ID: CODA0184
LAT/LON: 48.784726/-118.124171
Agency: 112WRD
Date Created: / /
Location: KETTLE RIVER NR BARSTOW, WASH.
FIPS State/County: 53019 WASHINGTON/FERRY
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12404900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17020002
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17020002002
RF1 Mile Point: 7.920
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	122	9.65	10.052	25.	0.	45.182	6.722	1.06	4.	15.1	19.85
00060	FLOW, STREAM, MEAN DAILY CFS	02/23/67-02/23/67	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	67	1300.	4303.91	23100.	253.	33665030.871	5802.157	353.2	510.	5540.	13460.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/13/71-09/12/78	54	3.	7.228	26.	1.	46.27	6.802	1.	2.	12.	18.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/10/78-06/11/80	16	10.	12.875	40.	2.	103.983	10.197	2.7	6.	19.5	29.5
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	121	6.	12.81	71.	0.	173.905	13.187	3.4	5.	20.	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	124	150.	138.887	270.	35.	3114.833	55.811	65.	90.	188.	205.
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	119	10.7	10.913	14.6	7.8	3.122	1.767	8.8	9.5	12.4	13.4
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	106	7.8	7.751	9.5	6.8	0.202	0.449	7.17	7.475	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	106	7.8	7.547	9.5	6.8	0.244	0.494	7.17	7.475	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	106	0.016	0.028	0.158	0.	0.001	0.031	0.006	0.01	0.034	0.068
00405	CARBON DIOXIDE (MG/L AS CO2)	03/29/72-09/27/72	12	1.9	1.825	3.5	0.1	0.726	0.852	0.37	1.35	2.35	3.17
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/17/62-09/27/72	45	62.	60.111	97.	20.	488.465	22.101	28.6	43.	75.5	92.
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	72	83.5	75.347	118.	21.	882.427	29.706	31.2	55.	101.75	113.7
00445	CARBONATE ION (MG/L AS CO3)	07/27/60-10/20/71	59	0.	0.102	6.	0.	0.61	0.781	0.	0.	0.	0.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/12/72-09/27/72	3	0.24	0.23	0.36	0.09	0.018	0.135	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	70	0.04	0.068	0.47	0.	0.007	0.081	0.01	0.02	0.093	0.13
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/13/71-09/27/72	17	0.	0.004	0.02	0.	0.	0.006	0.	0.	0.01	0.012
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/13/71-09/27/72	17	0.05	0.059	0.12	0.01	0.001	0.035	0.018	0.025	0.09	0.112
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/71-09/27/72	17	0.31	0.359	1.3	0.07	0.089	0.299	0.094	0.15	0.43	0.844
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-06/11/80	52	0.055	0.079	0.36	0.01	0.005	0.073	0.02	0.023	0.115	0.177
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/27/60-07/10/79	25	0.01	0.023	0.18	0.	0.001	0.036	0.	0.01	0.02	0.052
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/17/62-06/11/80	68	0.	0.015	0.12	0.	0.001	0.027	0.	0.	0.03	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	69	0.02	0.023	0.21	0.	0.001	0.027	0.01	0.01	0.03	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	70	0.005	0.007	0.04	0.	0.	0.008	0.	0.005	0.01	0.02
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	72	65.	63.056	110.	16.	649.574	25.487	25.2	45.	86.75	95.7
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	73	1.	1.438	8.	0.	2.916	1.708	0.	0.	2.	4.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	73	20.	18.975	33.	5.3	53.058	7.284	8.02	14.	26.	28.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	73	4.	3.856	6.8	0.5	3.141	1.772	1.4	2.45	5.4	6.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	73	4.	3.595	6.	0.8	1.779	1.334	1.74	2.3	4.75	5.16
00931	SODIUM ADSORPTION RATIO	12/17/62-09/27/72	44	0.2	0.182	0.2	0.1	0.002	0.039	0.1	0.2	0.2	0.2
00932	SODIUM, PERCENT	12/17/62-09/27/72	44	11.	11.023	14.	4.	2.86	1.691	10.	11.	12.	13.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	73	1.	0.97	1.7	0.1	0.113	0.336	0.54	0.7	1.2	1.4
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	73	0.5	0.485	2.	0.	0.207	0.455	0.	0.2	0.8	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	72	10.	9.194	16.	0.4	14.434	3.799	4.	6.25	12.	14.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	56	0.2	0.238	0.4	0.	0.006	0.075	0.17	0.2	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	55	11.	10.829	14.	4.4	3.087	1.757	8.4	9.9	12.	13.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/30/60-08/11/68	14	0.	0.714	10.	0.	7.143	2.673	0.	0.	0.	5.

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

Parameter Inventory for Station: CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	09/30/60-02/23/69	13	0.	10.	40.	0.	266.667	16.33	0.	0.	25.	40.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/30/60-09/27/72	25	0.	1.2	20.	0.	19.333	4.397	0.	0.	0.	4.
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/17/68-11/17/71	10	0.	4.9	23.	0.	71.878	8.478	0.	0.	8.25	22.5
01040	COPPER, DISSOLVED (UG/L AS CU)	09/30/60-09/27/72	35	1.	4.743	30.	0.	66.02	8.125	0.	0.	4.	20.
01045	IRON, TOTAL (UG/L AS FE)	07/27/60-09/21/65	29	40.	90.345	460.	10.	11653.448	107.951	20.	30.	95.	300.
01049	LEAD, DISSOLVED (UG/L AS PB)	10/13/71-09/27/72	17	2.	3.824	31.	0.	56.029	7.485	0.	0.	3.5	15.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/17/68-08/11/68	2	200.	200.	250.	150.	5000.	70.711	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/21/61-09/27/72	33	8.	15.909	100.	0.	833.148	28.864	0.	0.	10.	76.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	03/17/68-08/11/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/13/71-05/10/76	24	155.	213.458	900.	8.	64969.216	254.891	10.	42.5	250.	800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/13/71-05/10/76	24	2.19	2.023	2.954	0.903	0.348	0.59	1.	1.626	2.398	2.903
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			105.421								
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/27/60-08/23/70	52	91.	467.365	11000.	0.	2709331.805	1646.005	0.	36.	228.25	430.
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	07/27/60-08/23/70	52	1.959	1.817	4.041	0.	0.887	0.942	0.	1.556	2.358	2.633
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			65.65								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/22/74-05/10/76	8	8.	7.813	18.	0.5	32.853	5.732	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/22/74-05/10/76	8	0.889	0.694	1.255	-0.301	0.301	0.549	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.943								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	56	96.5	89.911	141.	32.	767.901	27.711	49.9	69.5	109.75	124.6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/09/69-08/23/70	5	76.	84.2	118.	49.	736.2	27.133	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	02/23/67-02/23/67	1	3.24	3.24	3.24	3.24	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12/17/62-08/23/70	27	0.12	0.115	0.16	0.06	0.001	0.029	0.07	0.09	0.14	0.152
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/08/79-06/11/80	13	0.02	0.035	0.1	0.	0.001	0.033	0.	0.01	0.045	0.1
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	02/20/62-02/20/62	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/27/60-09/27/72	59	0.2	0.236	0.7	0.	0.022	0.147	0.1	0.1	0.3	0.4
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/12/72-09/27/72	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/31/61-09/25/62	4	15.	22.5	60.	0.	691.667	26.3	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/08/79-06/11/80	13	0.06	0.107	0.64	0.	0.029	0.17	0.	0.015	0.135	0.456
71900	MERCURY, TOTAL (UG/L AS HG)	10/13/71-09/27/72	17	0.4	0.506	1.5	0.	0.218	0.467	0.	0.1	0.85	1.26

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

EPA Water Quality Criteria Analysis for Station: CODA0184

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	54	0	0.00	22	0	0.00	12	0	0.00	20	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	16	0	0.00	6	0	0.00	4	0	0.00	6	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	119	0	0.00	47	0	0.00	27	0	0.00	45	0	0.00			
00400	PH	Other-Hi Lim.	9.	106	3	0.03	42	1	0.02	24	0	0.00	40	2	0.05			
		Other-Lo Lim.	6.5	106	0	0.00	42	0	0.00	24	0	0.00	40	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	17	0	0.00	7	0	0.00	3	0	0.00	7	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	17	0	0.00	7	0	0.00	3	0	0.00	7	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	52	0	0.00	20	0	0.00	13	0	0.00	19	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	73	0	0.00	31	0	0.00	15	0	0.00	27	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	72	0	0.00	31	0	0.00	14	0	0.00	27	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	14	0	0.00	6	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	50.	14	0	0.00	6	0	0.00	4	0	0.00	4	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	25	0	0.00	9	0	0.00	6	0	0.00	10	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	35	4	0.11	14	1	0.07	9	1	0.11	12	2	0.17			
		Drinking Water	1300.	35	0	0.00	14	0	0.00	9	0	0.00	12	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	17	0	0.00	7	0	0.00	3	0	0.00	7	0	0.00			
		Drinking Water	5.	17	2	0.12	7	1	0.14	3	0	0.00	7	1	0.14			
01090	ZINC, DISSOLVED	Fresh Acute	120.	33	0	0.00	12	0	0.00	9	0	0.00	12	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	24	0	0.00	8	0	0.00	6	0	0.00	10	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	52	3	0.06	21	0	0.00	11	0	0.00	20	3	0.15			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	59	0	0.00	26	0	0.00	12	0	0.00	21	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: CODA0184

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	3	0	0.00	2	0	0.00				1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	17	0	0.00	7	0	0.00	3	0	0.00	7	0	0.00			
		Drinking Water	2.	17	0	0.00	7	0	0.00	3	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

Annual Analysis for 1960 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	6	9.75	9.917	23.5	0.5	77.242	8.789	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	6	5.	4.167	5.	0.	4.167	2.041	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	6	203.	195.5	217.	153.	556.7	23.594	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	6	11.	11.183	13.4	9.	3.678	1.918	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	6	8.	8.05	8.2	7.9	0.015	0.122	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	6	8.	8.036	8.2	7.9	0.015	0.123	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	6	0.01	0.009	0.013	0.006	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 box-and-whisker plot

Annual Analysis for 1961 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	10	10.5	10.99	25.	0.5	75.901	8.712	0.51	3.15	19.875	24.6
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	10	5.	8.5	30.	5.	61.389	7.835	5.	5.	10.	28.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	10	160.5	154.8	233.	52.	3162.178	56.233	57.1	107.5	204.75	230.4
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	10	11.6	11.19	14.1	7.9	4.314	2.077	7.99	8.95	12.85	14.02
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	10	7.95	7.79	8.7	6.9	0.263	0.513	6.92	7.4	8.	8.63
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	10	7.947	7.512	8.7	6.9	0.349	0.591	6.92	7.4	8.	8.63
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	10	0.011	0.031	0.126	0.002	0.002	0.04	0.003	0.01	0.044	0.121

** - Less than 9 observations ## - Computed with 50% or 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 CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	9	11.	11.444	19.	0.5	39.025	6.247	0.5	6.5	17.1	19.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	9	5.	10.	25.	5.	75.	8.66	5.	5.	17.5	25.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	8	116.	113.125	197.	52.	2667.839	51.651	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	8	10.85	11.075	13.2	9.4	2.316	1.522	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	8	7.7	7.65	7.9	7.3	0.054	0.233	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	8	7.689	7.594	7.9	7.3	0.058	0.24	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	8	0.02	0.025	0.05	0.013	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 box-and-whisker plot

Annual Analysis for 1963 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	3	15.5	13.833	16.5	9.5	14.333	3.786	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	4	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	4	153.5	137.	169.	72.	2071.333	45.512	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	3	9.5	10.033	11.2	9.4	1.023	1.012	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.65	7.625	7.8	7.4	0.029	0.171	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.647	7.599	7.8	7.4	0.03	0.173	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	4	0.023	0.025	0.04	0.016	0.	0.01	**	**	**	**

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

Annual Analysis for 1964 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	3	3.	5.	11.	1.	28.	5.292	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	4	5.	7.5	20.	0.	91.667	9.574	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	4	114.	115.5	188.	46.	3886.333	62.34	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	3	11.9	12.5	13.9	11.7	1.48	1.217	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.65	7.6	8.1	7.	0.247	0.497	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.582	7.397	8.1	7.	0.302	0.549	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	4	0.026	0.04	0.1	0.008	0.002	0.042	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	3	0.5	2.833	8.	0.	20.083	4.481	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	4	2.5	2.5	5.	0.	8.333	2.887	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	4	141.5	150.5	205.	114.	1609.667	40.121	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	4	11.85	11.55	14.5	8.	9.697	3.114	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.7	7.7	8.	7.4	0.087	0.294	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.655	7.629	8.	7.4	0.093	0.306	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	4	0.022	0.024	0.04	0.01	0.	0.015	**	**	**	**

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

Annual Analysis for 1966 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	4	8.75	9.625	17.	4.	38.563	6.21	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	4	5.	7.5	15.	5.	25.	5.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	4	175.5	147.25	198.	40.	5328.917	72.999	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	4	11.7	11.35	12.3	9.7	1.397	1.182	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.75	7.625	8.	7.	0.203	0.45	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.725	7.433	8.	7.	0.252	0.502	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	4	0.019	0.037	0.1	0.01	0.002	0.043	**	**	**	**

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

Annual Analysis for 1967 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	3	12.5	13.167	25.	2.	132.583	11.514	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	4	5.	8.75	20.	5.	56.25	7.5	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	4	158.	130.75	167.	40.	3688.917	60.736	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	3	11.8	11.267	13.5	8.5	6.463	2.542	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.8	7.675	8.1	7.	0.229	0.479	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.789	7.454	8.1	7.	0.294	0.542	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	4	0.016	0.035	0.1	0.008	0.002	0.044	**	**	**	**

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

Annual Analysis for 1968 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	4	8.5	10.25	21.	3.	62.25	7.89	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	4	5.	5.	10.	0.	16.667	4.082	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	4	110.5	111.75	156.	70.	1234.917	35.141	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	4	11.	11.1	14.5	7.9	8.98	2.997	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.65	7.625	7.9	7.3	0.063	0.25	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.647	7.57	7.9	7.3	0.067	0.258	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	4	0.023	0.027	0.05	0.013	0.	0.016	**	**	**	**

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

Annual Analysis for 1969 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	4	8.	9.75	22.	1.	88.25	9.394	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	4	0.	5.	20.	0.	100.	10.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	4	129.	122.25	166.	65.	1793.583	42.351	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	4	11.55	11.275	14.2	7.8	7.062	2.658	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.8	7.775	7.9	7.6	0.023	0.15	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.789	7.755	7.9	7.6	0.023	0.152	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	4	0.016	0.018	0.025	0.013	0.	0.006	**	**	**	**

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Annual Analysis for 1970 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	3	13.	12.	22.	1.	111.	10.536	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	3	5.	10.	20.	5.	75.	8.66	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	3	176.	151.	205.	72.	4891.	69.936	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	3	10.	11.133	14.6	8.8	9.373	3.062	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	3	7.9	7.7	8.	7.2	0.19	0.436	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	3	7.9	7.544	8.	7.2	0.226	0.476	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	3	0.013	0.029	0.063	0.01	0.001	0.03	**	**	**	**

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Annual Analysis for 1971 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	4	5.95	6.325	10.9	2.5	12.683	3.561	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	4	9.	11.5	20.	8.	32.333	5.686	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	4	197.5	198.25	208.	190.	58.917	7.676	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	4	12.35	12.15	13.1	10.8	0.95	0.975	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	4	8.15	8.15	8.4	7.9	0.043	0.208	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	4	8.147	8.113	8.4	7.9	0.045	0.212	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	4	0.007	0.008	0.013	0.004	0.	0.004	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	4	0.03	0.04	0.1	0.	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	4	0.02	0.02	0.03	0.01	0.	0.008	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	4	0.005	0.005	0.01	0.	0.	0.006	**	**	**	**

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Annual Analysis for 1972 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	13	10.5	11.354	20.	5.	26.719	5.169	5.08	6.95	15.95	19.8
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	13	27.	31.846	71.	10.	421.308	20.526	10.8	12.5	51.	66.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	13	120.	123.	213.	52.	2690.	51.865	58.4	77.	171.	207.4
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	12	11.6	11.292	13.	9.4	1.486	1.219	9.46	10.2	12.45	12.88
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	13	7.8	7.8	9.5	7.2	0.337	0.58	7.28	7.4	7.9	8.98
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	13	7.8	7.611	9.5	7.2	0.375	0.613	7.28	7.4	7.9	8.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	13	0.016	0.025	0.063	0.	0.	0.017	0.003	0.013	0.04	0.054
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	13	0.04	0.072	0.32	0.01	0.007	0.084	0.01	0.015	0.1	0.244
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	12	0.02	0.024	0.06	0.01	0.	0.015	0.01	0.01	0.03	0.054
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	13	0.	0.004	0.03	0.	0.	0.009	0.	0.	0.005	0.022

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Annual Analysis for 1974 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	1	11.9	11.9	11.9	11.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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Annual Analysis for 1975 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	8	9.95	9.45	20.2	3.2	31.294	5.594	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	8	23.	25.875	60.	13.	220.982	14.865	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	8	173.5	174.5	260.	84.	2488.286	49.883	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	8	9.35	10.213	13.6	9.	3.278	1.811	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	3	7.7	7.733	7.9	7.6	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	3	7.7	7.716	7.9	7.6	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	3	0.02	0.019	0.025	0.013	0.	0.006	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	8	0.06	0.078	0.13	0.04	0.002	0.039	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	8	0.015	0.02	0.04	0.01	0.	0.013	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	8 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**

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Annual Analysis for 1976 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	18	7.8	9.972	21.7	1.2	45.887	6.774	1.38	3.45	16.2	19.72
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	17	18.	17.235	35.	5.	100.816	10.041	5.	7.	26.5	31.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	18	100.	113.167	205.	42.	2931.324	54.142	42.9	68.75	168.75	191.5
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	18	10.	10.333	13.7	7.8	1.866	1.366	8.61	9.675	10.8	12.53
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.	7.025	7.3	6.8	0.042	0.206	**	**	**	**

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Annual Analysis for 1976 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	4	7.	6.991	7.3	6.8	0.044	0.21	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	4	0.1	0.102	0.158	0.05	0.002	0.044	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	18	0.07	0.098	0.47	0.01	0.01	0.1	0.037	0.048	0.103	0.191
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	18	0.016	0.021	0.07	0.01	0.	0.017	0.01	0.01	0.02	0.052
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	18 ##	0.005	0.005	0.01	0.002	0.	0.002	0.005	0.005	0.005	0.01

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Annual Analysis for 1977 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	2	6.7	6.7	8.5	4.9	6.48	2.546	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	1	205.	205.	205.	205.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	2	7.05	7.05	7.3	6.8	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	2	6.982	6.982	7.3	6.8	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	2	0.104	0.104	0.158	0.05	0.006	0.077	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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Annual Analysis for 1978 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	10	9.85	10.55	24.4	1.	53.201	7.294	1.24	3.7	15.825	23.58
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	10	7.5	9.5	20.	5.	35.833	5.986	5.	5.	12.5	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	10	102.5	103.9	160.	35.	1612.1	40.151	38.4	69.75	146.25	159.
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	10	10.75	10.89	14.	8.1	3.379	1.838	8.2	9.475	12.45	13.86
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	10	7.85	8.01	9.2	7.2	0.465	0.682	7.21	7.525	8.625	9.18
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	10	7.847	7.685	9.2	7.2	0.583	0.764	7.21	7.525	8.625	9.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	10	0.014	0.021	0.063	0.001	0.	0.021	0.001	0.003	0.031	0.062
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	10	0.04	0.076	0.39	0.01	0.013	0.114	0.011	0.02	0.073	0.362
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	10	0.01	0.02	0.05	0.005	0.	0.015	0.006	0.01	0.033	0.049
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	10 ##	0.008	0.01	0.02	0.005	0.	0.006	0.005	0.005	0.013	0.02

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Annual Analysis for 1979 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	9	11.6	11.656	22.2	0.1	56.658	7.527	0.1	5.	18.5	22.2
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	9	5.	7.333	36.	0.	118.75	10.897	0.	2.5	5.	36.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	9	165.	159.889	250.	65.	3871.361	62.22	65.	107.5	210.	250.
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	9	10.	10.256	12.9	8.1	2.898	1.702	8.1	8.85	11.75	12.9
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	9	7.8	7.744	8.3	7.1	0.138	0.371	7.1	7.45	8.	8.3
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	9	7.8	7.597	8.3	7.1	0.162	0.403	7.1	7.45	8.	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	9	0.016	0.025	0.079	0.005	0.001	0.024	0.005	0.01	0.038	0.079
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	9	0.02	0.021	0.04	0.005	0.	0.011	0.005	0.01	0.03	0.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	9	0.01	0.038	0.21	0.	0.004	0.067	0.	0.005	0.04	0.21
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	9	0.005	0.011	0.03	0.	0.	0.01	0.	0.003	0.02	0.03

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Annual Analysis for 1980 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	5	6.9	6.84	12.2	0.2	21.153	4.599	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	3	8.	8.667	12.	6.	9.333	3.055	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	5	150.	141.	200.	90.	1830.	42.778	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	5	9.9	10.06	12.3	8.3	2.053	1.433	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	5	7.9	7.86	7.9	7.8	0.003	0.055	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	5	7.9	7.857	7.9	7.8	0.003	0.055	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	5	0.013	0.014	0.016	0.013	0.	0.002	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	5	0.03	0.048	0.1	0.	0.002	0.049	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	5	0.02	0.028	0.05	0.01	0.	0.016	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	5	0.01	0.02	0.04	0.01	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 box-and-whisker plot

Seasonal Analysis for Season #1: 8/15 to 1/31 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	49	8.5	9.31	22.	0.	46.722	6.835	0.6	3.25	15.85	19.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	27	520.	860.481	3560.	253.	698154.567	835.556	325.2	354.	931.	2458.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/13/71-09/12/78	22	3.	7.636	21.	1.	51.29	7.162	1.	1.75	15.	18.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	50	5.	9.24	36.	0.	70.513	8.397	2.1	5.	10.75	23.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	51	187.	171.392	270.	69.	2107.843	45.911	91.	145.	205.	212.6
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	47	10.2	10.977	14.1	8.7	3.093	1.759	9.	9.3	12.6	13.46
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	42	7.9	7.91	9.5	6.8	0.186	0.431	7.33	7.7	8.1	8.34
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	42	7.9	7.712	9.5	6.8	0.226	0.475	7.33	7.7	8.1	8.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	42	0.013	0.019	0.158	0.	0.001	0.026	0.005	0.008	0.02	0.047
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/17/62-09/27/72	19	75.	73.842	97.	38.	311.474	17.649	48.	57.	92.	94.
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	31	104.	96.129	118.	46.	402.316	20.058	65.	83.	113.	115.8
00445	CARBONATE ION (MG/L AS CO3)	07/27/60-10/20/71	27	0.	0.222	6.	0.	1.333	1.155	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	28	0.04	0.063	0.32	0.	0.004	0.065	0.01	0.023	0.09	0.133
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/27/60-07/10/79	11	0.01	0.022	0.07	0.01	0.	0.019	0.01	0.01	0.03	0.064
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/17/62-06/11/80	29	0.	0.014	0.09	0.	0.001	0.023	0.	0.	0.03	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	27	0.01	0.015	0.04	0.	0.	0.008	0.005	0.01	0.02	0.022
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	28	0.005	0.007	0.03	0.	0.	0.007	0.	0.005	0.01	0.02
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	31	87.	80.677	110.	38.	313.292	17.7	54.8	66.	95.	98.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	31	2.	1.806	6.	0.	2.561	1.6	0.	0.	2.	4.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	31	26.	24.032	33.	12.	25.032	5.003	16.2	20.	28.	29.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	31	5.4	5.006	6.8	1.9	1.784	1.336	3.12	3.9	6.2	6.58
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	31	4.5	4.494	6.	2.3	0.669	0.818	3.28	4.	5.1	5.28
00931	SODIUM ADSORPTION RATIO	12/17/62-09/27/72	19	0.2	0.2	0.2	0.2	0.	0.	0.2	0.2	0.2	0.2
00932	SODIUM, PERCENT	12/17/62-09/27/72	19	11.	11.	12.	10.	0.444	0.667	10.	11.	11.	12.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	31	1.1	1.113	1.7	0.4	0.079	0.281	0.72	0.9	1.3	1.5
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	31	0.5	0.629	2.	0.	0.226	0.476	0.2	0.2	1.	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	31	12.	11.677	16.	5.	7.292	2.7	8.	10.	14.	15.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	24	0.3	0.263	0.4	0.	0.007	0.082	0.2	0.2	0.3	0.35
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	24	12.	11.258	14.	8.1	2.373	1.54	9.15	9.9	12.	13.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/30/60-09/27/72	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01040	COPPER, DISSOLVED (UG/L AS CU)	09/30/60-09/27/72	14	1.	4.143	20.	0.	34.44	5.869	0.	0.	8.5	15.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/21/61-09/27/72	12	10.	20.833	100.	0.	826.515	28.749	0.	0.	35.	82.
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/27/60-08/23/70	21	91.	141.952	430.	0.	19844.648	140.871	0.	36.	220.	430.
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	07/27/60-08/23/70	21	1.959	1.771	2.633	0.	0.677	0.823	0.	1.556	2.342	2.633
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			58.981								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	24	109.5	106.125	141.	58.	498.81	22.334	72.5	89.	124.	131.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12/17/62-08/23/70	12	0.125	0.123	0.16	0.08	0.001	0.026	0.083	0.103	0.14	0.16
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/27/60-09/27/72	26	0.2	0.223	0.5	0.	0.02	0.142	0.07	0.1	0.325	0.43

** - Less than 9 observations ## - Computed 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: 2/01 to 4/15 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	27	4.	4.233	9.6	0.2	8.037	2.835	0.5	1.2	6.2	9.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	14	1009.	1766.071	5850.	422.	3271661.61	1808.774	442.	513.75	2695.	5385.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/13/71-09/12/78	12	3.	4.858	18.	1.	27.277	5.223	1.	2.	6.75	16.2
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	26	5.5	11.731	35.	0.	115.885	10.765	3.5	5.	20.	31.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	27	160.	160.259	260.	90.	1389.738	37.279	108.	139.	188.	204.
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	27	12.2	12.219	14.6	9.7	2.275	1.508	9.9	11.1	13.5	14.5
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	24	7.8	7.704	8.1	6.9	0.109	0.33	7.	7.6	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	24	7.8	7.546	8.1	6.9	0.135	0.368	7.	7.6	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	24	0.016	0.028	0.126	0.008	0.001	0.032	0.01	0.013	0.025	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/17/62-09/27/72	10	69.	65.9	83.	49.	136.989	11.704	49.1	53.	74.75	82.4
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	14	85.	83.214	106.	60.	222.643	14.921	60.5	68.25	95.5	103.5
00445	CARBONATE ION (MG/L AS CO3)	07/27/60-10/20/71	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	16	0.03	0.037	0.1	0.	0.001	0.032	0.007	0.01	0.058	0.093

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

Seasonal Analysis for Season #2: 2/01 to 4/15 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/27/60-07/10/79	3	0.01	0.01	0.02	0.	0.	0.01	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/17/62-06/11/80	16	0.	0.018	0.12	0.	0.001	0.032	0.	0.	0.028	0.078
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	16	0.01	0.017	0.05	0.01	0.	0.012	0.01	0.01	0.02	0.043
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	16 ##	0.005	0.008	0.04	0.	0.	0.01	0.	0.005	0.01	0.026
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	14	72.	69.429	88.	49.	185.187	13.608	49.	57.5	81.5	87.5
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	15	1.	1.533	4.	0.	2.838	1.685	0.	0.	3.	4.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	15	22.	20.933	26.	15.	14.638	3.826	15.	17.	24.	26.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	15	4.8	4.347	5.6	2.8	0.93	0.964	2.86	3.2	5.	5.54
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	15	4.2	4.093	5.5	2.3	0.765	0.875	2.72	3.2	4.7	5.26
00931	SODIUM ADSORPTION RATIO	12/17/62-09/27/72	10	0.2	0.19	0.2	0.1	0.001	0.032	0.11	0.2	0.2	0.2
00932	SODIUM, PERCENT	12/17/62-09/27/72	10	11.	11.1	12.	8.	1.433	1.197	8.3	11.	12.	12.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	15	1.2	1.12	1.7	0.6	0.075	0.273	0.72	0.9	1.3	1.52
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	15	0.5	0.4	0.8	0.	0.067	0.259	0.	0.2	0.5	0.8
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	14	11.	10.357	13.	7.	4.863	2.205	7.	8.	12.25	13.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	12	0.3	0.267	0.3	0.2	0.002	0.049	0.2	0.2	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	11	11.	11.127	13.	8.4	1.458	1.208	8.92	11.	11.	13.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/30/60-09/27/72	6	0.	3.333	20.	0.	66.667	8.165	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/30/60-09/27/72	9	0.	3.778	30.	0.	97.194	9.859	0.	0.	1.5	30.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/21/61-09/27/72	9	7.	15.222	100.	0.	1032.944	32.139	0.	0.	10.	100.
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/27/60-08/23/70	11	91.	154.182	430.	0.	30155.964	173.655	0.	0.	340.	430.
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	07/27/60-08/23/70	11	1.959	1.53	2.633	0.	1.191	1.092	0.	0.	2.531	2.633
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			33.911								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	12	100.	99.083	119.	72.	152.811	12.362	76.8	90.	108.25	116.3
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12/17/62-08/23/70	7	0.14	0.131	0.15	0.1	0.	0.017	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/27/60-09/27/72	12	0.25	0.25	0.6	0.1	0.023	0.151	0.1	0.1	0.3	0.54

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

Seasonal Analysis for Season #3: 4/16 to 8/14 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-06/11/80	46	12.55	14.259	25.	6.9	28.005	5.292	7.85	10.375	19.5	22.59
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/13/71-06/11/80	26	9210.	9246.308	23100.	408.	44631424.222	6680.675	1551.8	2985.	13500.	20300.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/13/71-09/12/78	20	6.	8.2	26.	2.	51.853	7.201	2.	2.	13.5	20.7
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-05/06/80	45	11.	17.4	71.	0.	293.2	17.123	3.	5.	21.5	50.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-06/11/80	46	77.	90.304	174.	35.	1484.616	38.531	42.7	63.25	114.25	157.5
00300	OXYGEN, DISSOLVED MG/L	07/27/60-06/11/80	45	10.	10.064	12.6	7.8	2.007	1.417	7.96	9.15	11.35	11.88
00400	PH (STANDARD UNITS)	07/27/60-06/11/80	40	7.55	7.613	9.2	6.8	0.235	0.485	7.01	7.3	7.875	8.09
00400	CONVERTED PH (STANDARD UNITS)	07/27/60-06/11/80	40	7.547	7.423	9.2	6.8	0.272	0.522	7.01	7.3	7.875	8.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-06/11/80	40	0.028	0.038	0.158	0.001	0.001	0.033	0.008	0.013	0.05	0.098
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/17/62-09/27/72	16	32.5	40.188	75.	20.	292.296	17.097	20.7	28.25	54.	72.2
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	27	39.	47.407	91.	21.	475.251	21.8	23.6	30.	62.	87.
00445	CARBONATE ION (MG/L AS CO3)	07/27/60-10/20/71	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-06/11/80	26	0.06	0.093	0.47	0.005	0.012	0.108	0.017	0.03	0.11	0.222
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/27/60-07/10/79	11	0.01	0.028	0.18	0.	0.003	0.051	0.	0.01	0.02	0.15
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/17/62-06/11/80	23	0.	0.016	0.09	0.	0.001	0.028	0.	0.	0.03	0.078
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-06/11/80	26	0.03	0.036	0.21	0.005	0.002	0.04	0.01	0.011	0.043	0.063
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-06/11/80	26	0.005	0.007	0.03	0.	0.	0.008	0.	0.002	0.01	0.023
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-09/27/72	27	31.	39.519	76.	16.	352.336	18.771	19.4	24.	52.	72.2
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	27	0.	0.963	8.	0.	3.191	1.786	0.	0.	2.	3.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	27	9.4	12.081	22.	5.3	28.108	5.302	6.32	7.5	16.	21.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	27	1.7	2.263	5.4	0.5	1.786	1.337	0.8	1.4	2.8	4.46
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	27	2.	2.285	4.2	0.8	0.856	0.925	1.2	1.7	2.8	4.02
00931	SODIUM ADSORPTION RATIO	12/17/62-09/27/72	15	0.2	0.153	0.2	0.1	0.003	0.052	0.1	0.1	0.2	0.2
00932	SODIUM, PERCENT	12/17/62-09/27/72	15	11.	11.	14.	4.	7.286	2.699	5.2	11.	13.	13.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	27	0.6	0.722	1.4	0.1	0.08	0.283	0.4	0.6	0.9	1.2
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	27	0.2	0.367	2.	0.	0.234	0.484	0.	0.	0.6	1.

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

Seasonal Analysis for Season #3: 4/16 to 8/14 - Station CODA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	27	5.	5.741	11.	0.4	8.104	2.847	1.72	4.	7.	10.2
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	20	0.2	0.19	0.3	0.1	0.003	0.055	0.1	0.2	0.2	0.29
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	20	11.	10.15	13.	4.4	4.364	2.089	7.14	8.725	11.75	12.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/30/60-09/27/72	10	0.	1.	10.	0.	10.	3.162	0.	0.	0.	9.
01040	COPPER, DISSOLVED (UG/L AS CU)	09/30/60-09/27/72	12	2.	6.167	30.	0.	89.242	9.447	0.	1.	8.5	27.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/21/61-09/27/72	12	0.	11.5	100.	0.	797.909	28.247	0.	0.	10.	73.
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/27/60-08/23/70	20	91.	981.3	11000.	0.	6783800.221	2604.573	2.3	49.75	210.	4380.
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	07/27/60-08/23/70	20	1.959	2.024	4.041	0.	0.945	0.972	0.136	1.686	2.315	3.635
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			105.649								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	20	62.	64.95	106.	32.	489.524	22.125	39.1	46.75	79.25	99.9
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12/17/62-08/23/70	8	0.08	0.089	0.14	0.06	0.001	0.027	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/27/60-09/27/72	21	0.2	0.243	0.7	0.	0.025	0.157	0.02	0.15	0.3	0.46

** - Less than 9 observations ## - Computed 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: CODA0185

NPS Station ID: CODA0185
LAT/LON: 48.784726/-118.124171
Agency: 21540000
Date Created: / /
Location: KETTLE RIVER NEAR BARSTOW
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM/TISSUE
STORET Station ID(s): 60A070 /6560A070 /12404900 /541028
RMI-Indexes: 1310001 007190
Within Park Boundary: Yes
RMI-Miles: 0706.40 0010.90
HUC: 17020002
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLUMBIA (KETTLE-60)
ECO Region:
RF1 Index: 17020002002
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
LOCATED 10.9 MILES FROM THE MOUTH OF THE KETTLE RIVER, .75 MILES EAST OF BARSTOW ON THE FERRY-STEVENS COUNTY LINE
NORTH EASTERN REGION
7.5 QUAD- BOSSBURG
ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 1400

Parameter Inventory for Station: CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	216	8.95	9.806	25.	0.	41.76	6.462	1.	4.4	15.025	19.5
00060p	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	154	1245.	3771.136	23100.	0.	24786379.831	4978.592	385.	596.5	5297.5	11000.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/25/77-09/12/78	9	2970.	5096.333	19700.	340.	41969772.5	6478.408	340.	405.5	8170.	19700.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	149	4.	8.287	180.	0.	262.013	16.187	0.5	2.	10.	18.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	171	10.	15.749	71.	0.	199.163	14.113	4.	5.	23.	35.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	220	149.	140.527	372.	35.	2942.086	54.241	65.2	95.5	180.	205.
00105	RIVER MILE, UPSTREAM END OF REACH	11/10/71-11/10/71	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	215	11.	11.127	15.2	0.	3.804	1.95	9.	9.7	12.6	13.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	126	102.9	101.93	125.5	75.6	66.71	8.168	91.32	98.625	106.45	110.69
00310	BOD, 5 DAY, 20 DEG C MG/L	04/26/72-07/12/72	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	112	9.	10.304	27.	2.	38.155	6.177	4.	4.25	14.75	19.
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	197	7.9	7.85	9.5	6.8	0.178	0.422	7.3	7.6	8.1	8.32
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	197	7.9	7.651	9.5	6.8	0.218	0.466	7.3	7.6	8.1	8.32
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	197	0.013	0.022	0.158	0.	0.001	0.025	0.005	0.008	0.025	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/71-09/27/72	17	55.	60.706	97.	20.	716.096	26.76	26.4	32.5	88.5	94.6
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	64	84.	76.734	118.	0.	942.928	30.707	32.	55.5	104.	114.5
00445	CARBONATE ION (MG/L AS CO3)	07/27/60-08/23/70	37	0.	0.162	6.	0.	0.973	0.986	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	116	3.5	7.728	49.	0.5	112.436	10.604	0.5	1.25	9.	21.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	169	0.02	0.041	0.47	0.	0.004	0.065	0.005	0.01	0.04	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/88-11/07/90	24 ##	0.005	0.005	0.005	0.002	0.	0.001	0.005	0.005	0.005	0.005
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	90 ##	0.005	0.005	0.02	0.	0.	0.003	0.	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	133	0.05	0.074	0.7	0.	0.01	0.101	0.01	0.02	0.08	0.152
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/13/71-04/07/82	36	0.31	0.322	1.3	0.05	0.05	0.224	0.091	0.163	0.388	0.532
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	86	0.035	0.063	0.36	0.	0.004	0.066	0.01	0.02	0.09	0.146
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/27/60-09/21/65	37	0.01	0.014	0.07	0.	0.	0.013	0.	0.01	0.02	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	166	0.02	0.022	0.21	0.	0.	0.021	0.009	0.01	0.03	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	170	0.005	0.007	0.1	0.	0.	0.01	0.	0.	0.01	0.02
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-06/06/90	65	70.	72.354	549.	20.	4239.513	65.112	28.6	46.5	87.5	98.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	63	1.	1.556	8.	0.	3.09	1.758	0.	0.	2.	4.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	64	20.	19.478	33.	6.4	53.632	7.323	8.85	14.25	26.	29.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	64	4.	3.941	6.8	0.8	3.061	1.75	1.45	2.525	5.475	6.2

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Parameter Inventory for Station: CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	64	3.9	3.666	6.	0.8	1.819	1.349	1.8	2.4	4.875	5.2
00931	SODIUM ADSORPTION RATIO	10/13/71-09/27/72	16	0.2	0.181	0.2	0.1	0.002	0.04	0.1	0.2	0.2	0.2
00932	SODIUM, PERCENT	10/13/71-09/27/72	16	11.	10.813	14.	6.	3.629	1.905	7.4	10.	12.	13.3
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	64	1.	0.975	1.7	0.1	0.109	0.33	0.6	0.7	1.2	1.4
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	64	0.5	0.522	2.	0.	0.213	0.462	0.	0.2	0.8	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	63	10.	9.47	16.	0.6	13.914	3.73	4.	7.	13.	14.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	47	0.3	0.249	0.4	0.1	0.005	0.069	0.2	0.2	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	47	1.1	2.64	13.	0.7	13.106	3.62	0.8	1.	1.3	11.
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/13/82-09/13/82	3	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/30/60-03/22/66	10	0.	0.01	0.04	0.	0.	0.017	0.	0.	0.025	0.04
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/08/80-10/06/81	16	0.5	0.644	2.	0.25	0.199	0.446	0.25	0.263	0.8	1.3
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/15/72-10/06/81	29	0.25	0.616	5.	0.	1.06	1.03	0.	0.	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/13/71-11/17/71	4	11.5	12.25	23.	3.	95.583	9.777	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/13/71-10/06/81	33	1.	2.221	9.	0.3	4.29	2.071	0.5	1.	3.	4.6
01045	IRON, TOTAL (UG/L AS FE)	07/27/60-09/21/65	35	40.	77.429	460.	0.	10449.076	102.221	10.	30.	80.	276.
01049	LEAD, DISSOLVED (UG/L AS PB)	10/13/71-10/06/81	33	3.	23.576	210.	0.	2585.486	50.848	0.	1.	17.	126.8
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/80-10/06/81	16 ##	5.	3.875	7.	2.	2.75	1.658	2.	2.	5.	5.6
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/13/71-10/06/81	33	10.	19.045	108.	0.	662.928	25.747	1.	6.5	21.	55.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/11/68-02/15/70	6	150.	208.833	430.	23.	31712.167	178.079	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/11/68-02/15/70	6	2.176	2.138	2.633	1.362	0.236	0.486	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			137.296								
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	10/13/71-08/19/75	21	150.	214.19	900.	8.	75366.762	274.53	10.	15.	250.	800.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	10/13/71-08/19/75	21	2.176	1.926	2.954	0.903	0.475	0.69	1.	1.151	2.398	2.903
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			84.333								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/27/60-08/23/70	38	91.	577.947	11000.	0.	3680223.943	1918.391	0.	27.	230.	627.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/27/60-08/23/70	38	1.959	1.696	4.041	0.	1.205	1.098	0.	1.167	2.362	2.708
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			49.685								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	106	4.5	12.075	98.	0.	388.632	19.714	0.5	1.	10.25	37.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	106	0.651	0.592	1.991	-0.301	0.473	0.687	-0.301	0.	1.01	1.571
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.91								
34670	PCB - 1260 WET WGTTISMG/KG	09/13/82-09/13/82	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	09/13/82-09/13/82	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	09/13/82-09/13/82	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	09/13/82-09/13/82	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	09/13/82-09/13/82	2	3.3	3.3	4.1	2.5	1.28	1.131	**	**	**	**
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	09/13/82-09/13/82	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	09/13/82-09/13/82	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	09/13/82-09/13/82	2	0.019	0.019	0.036	0.002	0.001	0.024	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	09/13/82-09/13/82	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
39307	O P DDT IN TISSUE WET WGT (UG/G)	09/13/82-09/13/82	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	09/13/82-09/13/82	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/13/82-09/13/82	2	0.065	0.065	0.07	0.06	0.	0.007	**	**	**	**
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	09/13/82-09/13/82	2	0.055	0.055	0.06	0.05	0.	0.007	**	**	**	**
39387	DIELDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WGT)	09/13/82-09/13/82	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39397	ENDRIN IN SHELLFISH OR ANIMAL (UG/KG WET WEIGHT)	09/13/82-09/13/82	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/13/82-09/13/82	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39482	METHOXYCHLOR IN FISH - UG/KG	09/13/82-09/13/82	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39525	PCBS TOTAL,FISH TISSUE WET (ISOMER ANALYSES) MG/KG	09/13/82-09/13/82	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	09/13/82-09/13/82	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	09/13/82-09/13/82	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
45554	O,P'-DDD IN TISSUE WET WEIGHT UG/KG	09/13/82-09/13/82	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	47	96.	92.149	141.	39.	763.477	27.631	52.8	71.	119.	127.4
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	09/13/82-09/13/82	3	26.	27.667	32.	25.	14.333	3.786	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/13/71-09/27/72	17	0.4	0.506	1.5	0.	0.218	0.467	0.	0.1	0.85	1.26
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/13/82-09/13/82	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/13/82-09/13/82	3	0.64	0.67	0.75	0.62	0.005	0.07	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/13/82-09/13/82	3	1.2	1.2	1.6	0.8	0.16	0.4	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/13/82-09/13/82	3	27.1	27.867	34.8	21.7	43.343	6.584	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/13/82-09/13/82	3	0.4	0.533	1.1	0.1	0.263	0.513	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/13/82-09/13/82	3	0.08	0.073	0.1	0.04	0.001	0.031	**	**	**	**
79005	CHLORDANE, GAMMA, IN FISH UG/KG	09/13/82-09/13/82	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
79025	CHLORDANE, ALPHA, IN FISH WET WEIGHT UG/KG	09/13/82-09/13/82	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	09/13/82-09/13/82	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CODA0185

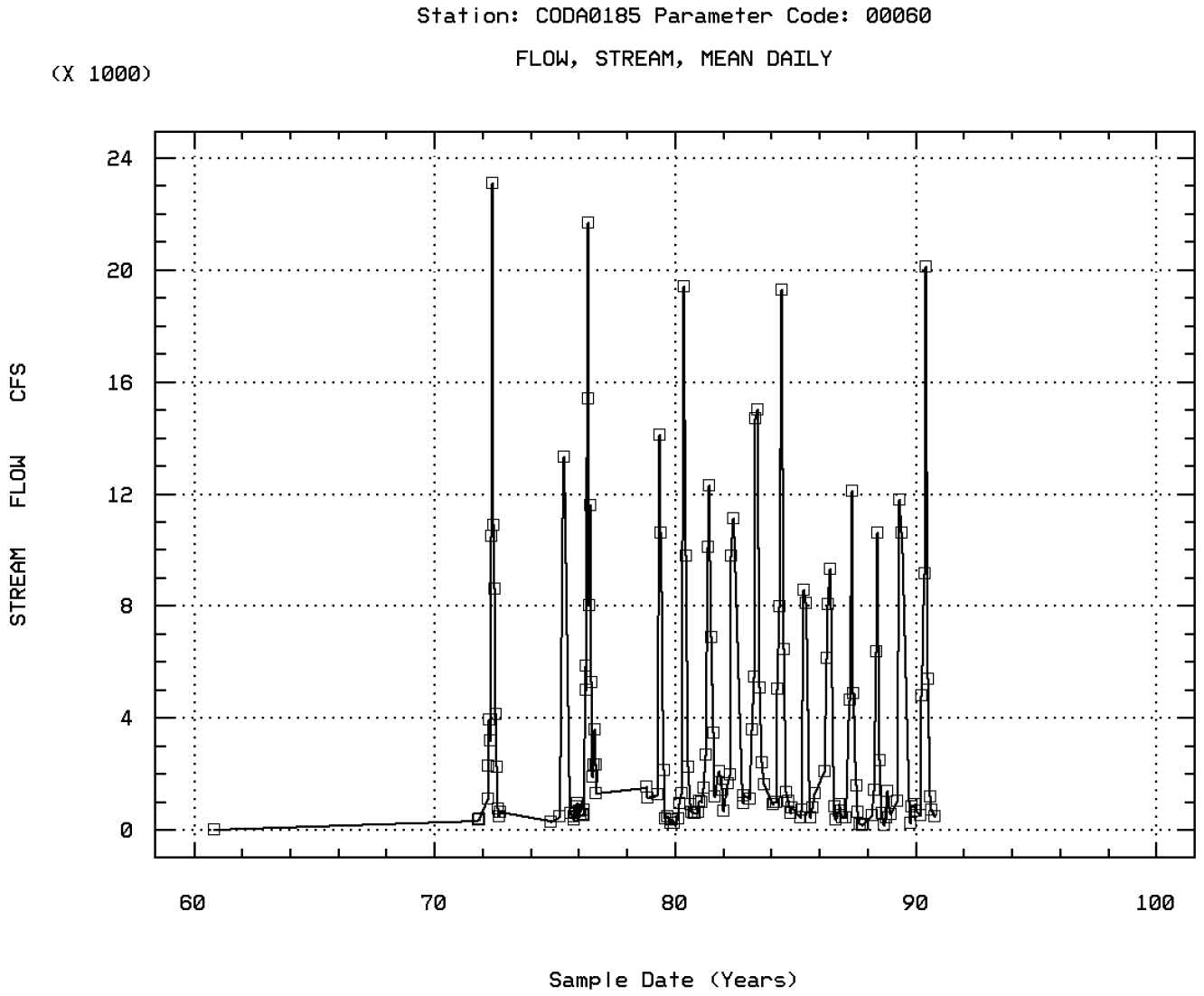
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	09/13/82-09/13/82	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/13/86-11/07/90	42	0.7	1.56	7.8	0.5	2.634	1.623	0.5	0.5	2.075	4.

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

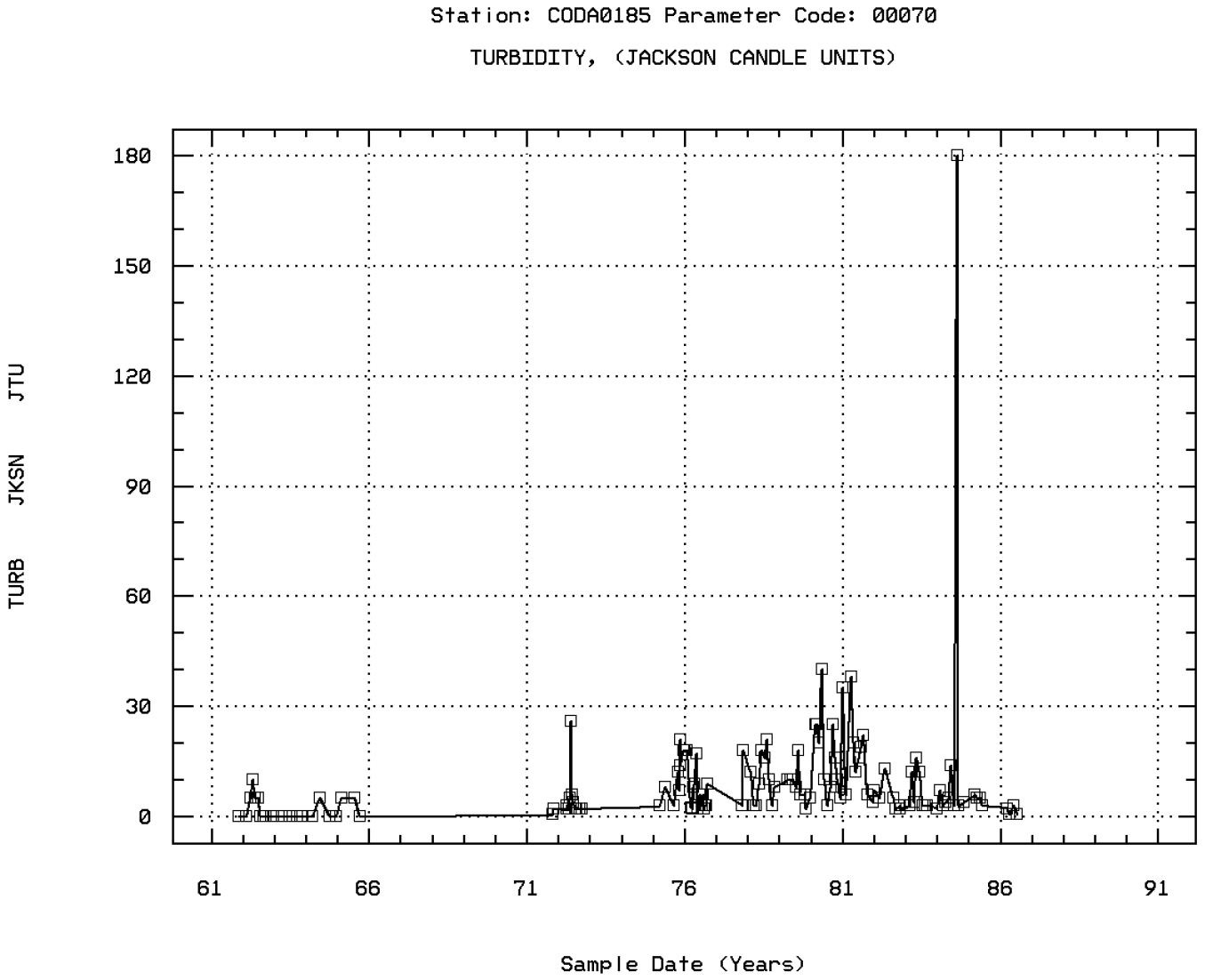
EPA Water Quality Criteria Analysis for Station: CODA0185

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	149	1	0.01	61	1	0.02	34	0	0.00	54	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	215	1	0.00	89	0	0.00	47	0	0.00	79	1	0.01			
00400	PH	Other-Hi Lim.	9.	197	3	0.02	84	1	0.01	41	0	0.00	72	2	0.03			
		Other-Lo Lim.	6.5	197	0	0.00	84	0	0.00	41	0	0.00	72	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	24	0	0.00	12	0	0.00	3	0	0.00	9	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	90	0	0.00	37	0	0.00	19	0	0.00	34	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	133	0	0.00	55	0	0.00	29	0	0.00	49	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	86	0	0.00	35	0	0.00	18	0	0.00	33	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	64	0	0.00	29	0	0.00	13	0	0.00	22	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	63	0	0.00	29	0	0.00	12	0	0.00	22	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	16	0	0.00	7	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	5.	16	0	0.00	7	0	0.00	3	0	0.00	6	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	29	0	0.00	10	0	0.00	6	0	0.00	13	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	4	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	33	0	0.00	14	0	0.00	6	0	0.00	13	0	0.00			
		Drinking Water	1300.	33	0	0.00	14	0	0.00	6	0	0.00	13	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	33	4	0.12	14	2	0.14	6	1	0.17	13	1	0.08			
		Drinking Water	5.	33	11	0.33	14	3	0.21	6	2	0.33	13	6	0.46			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	16	0	0.00	7	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	100.	16	0	0.00	7	0	0.00	3	0	0.00	6	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	33	0	0.00	14	0	0.00	6	0	0.00	13	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	38	3	0.08	17	0	0.00	8	0	0.00	13	3	0.23			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	106	0	0.00	42	0	0.00	22	0	0.00	42	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	17	0	0.00	7	0	0.00	3	0	0.00	7	0	0.00			
		Drinking Water	2.	17	0	0.00	7	0	0.00	3	0	0.00	7	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	42	0	0.00	19	0	0.00	7	0	0.00	16	0	0.00			

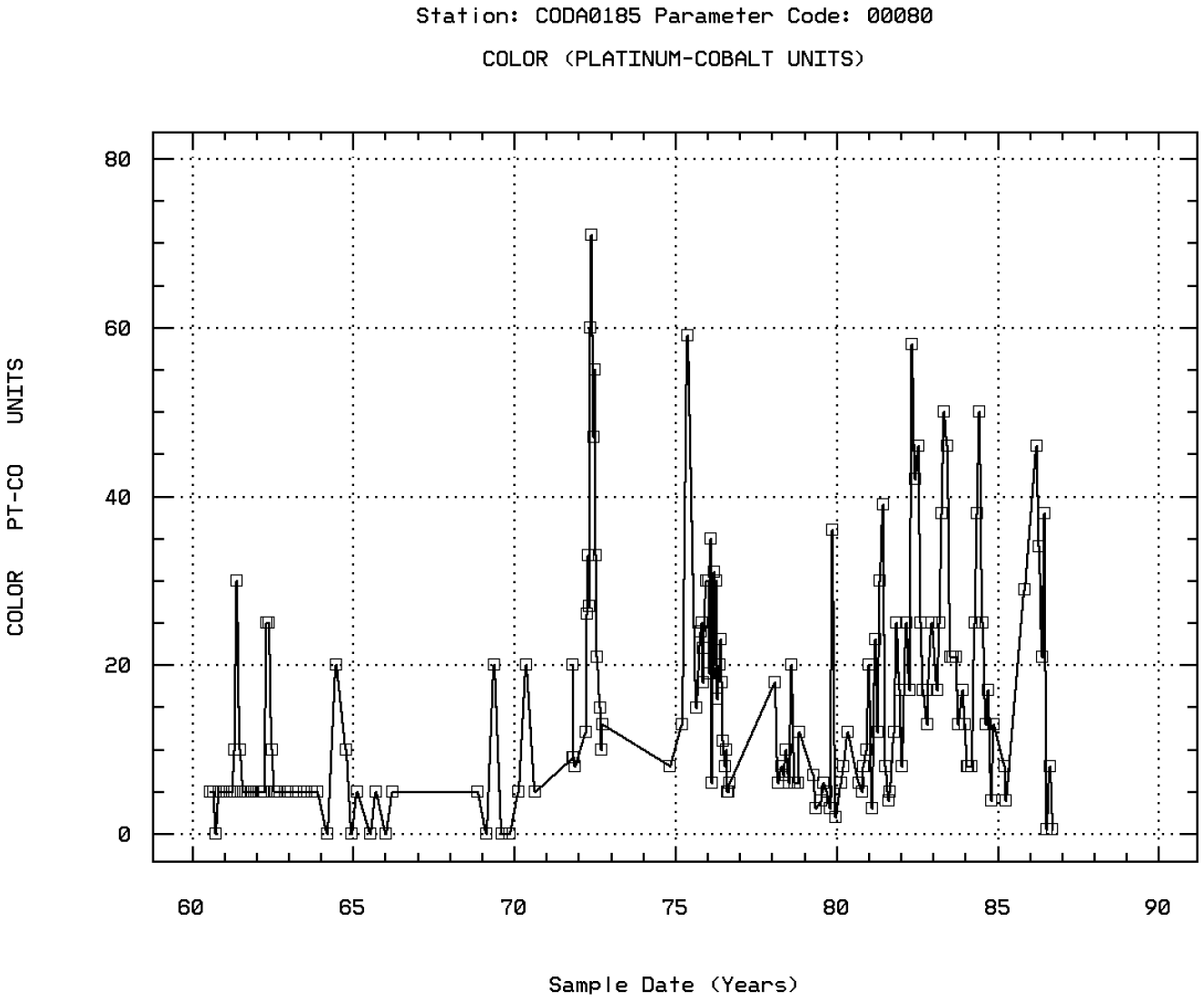
& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter



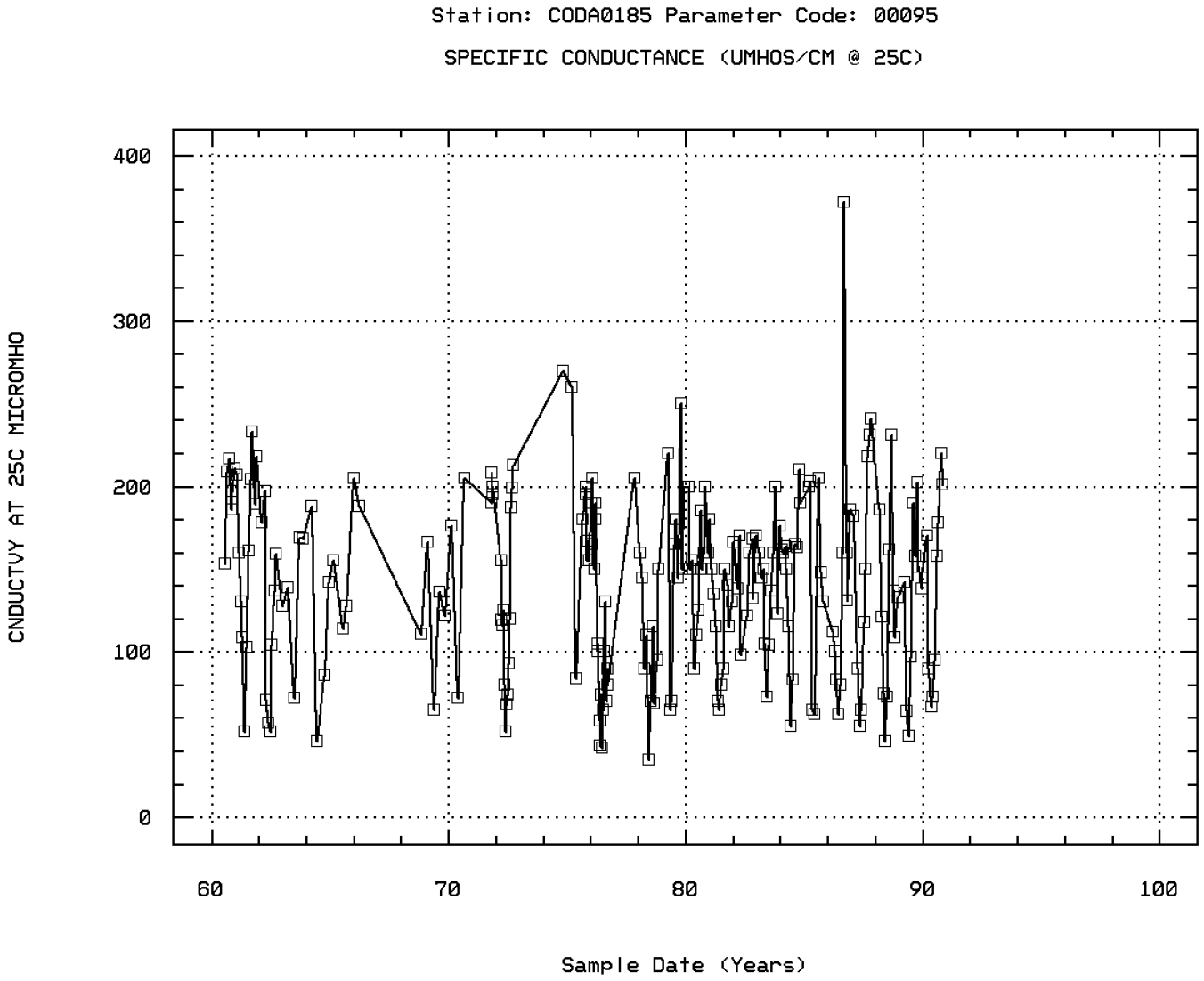
KETTLE RIVER NEAR BARSTOW



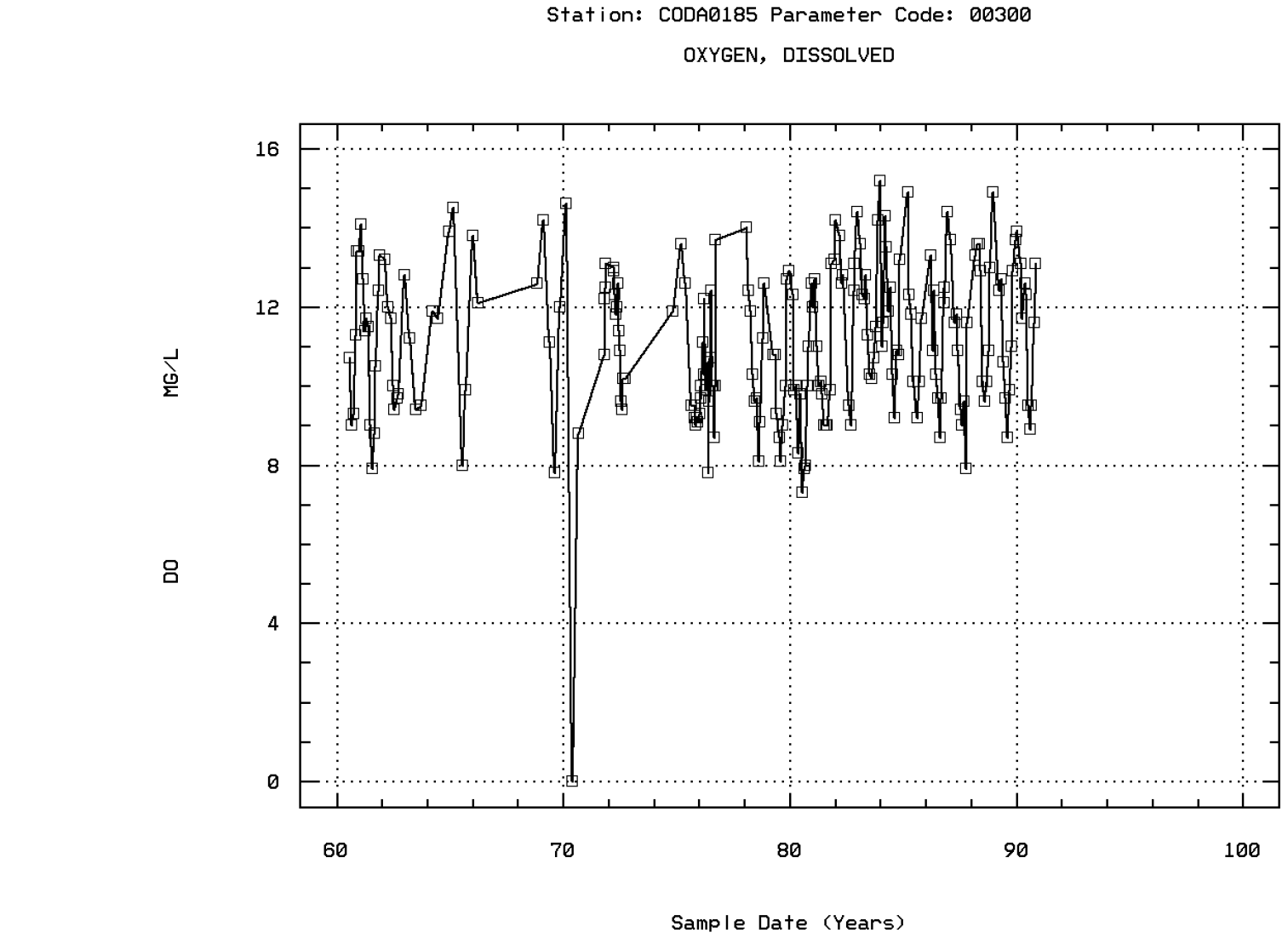
KETTLE RIVER NEAR BARSTOW



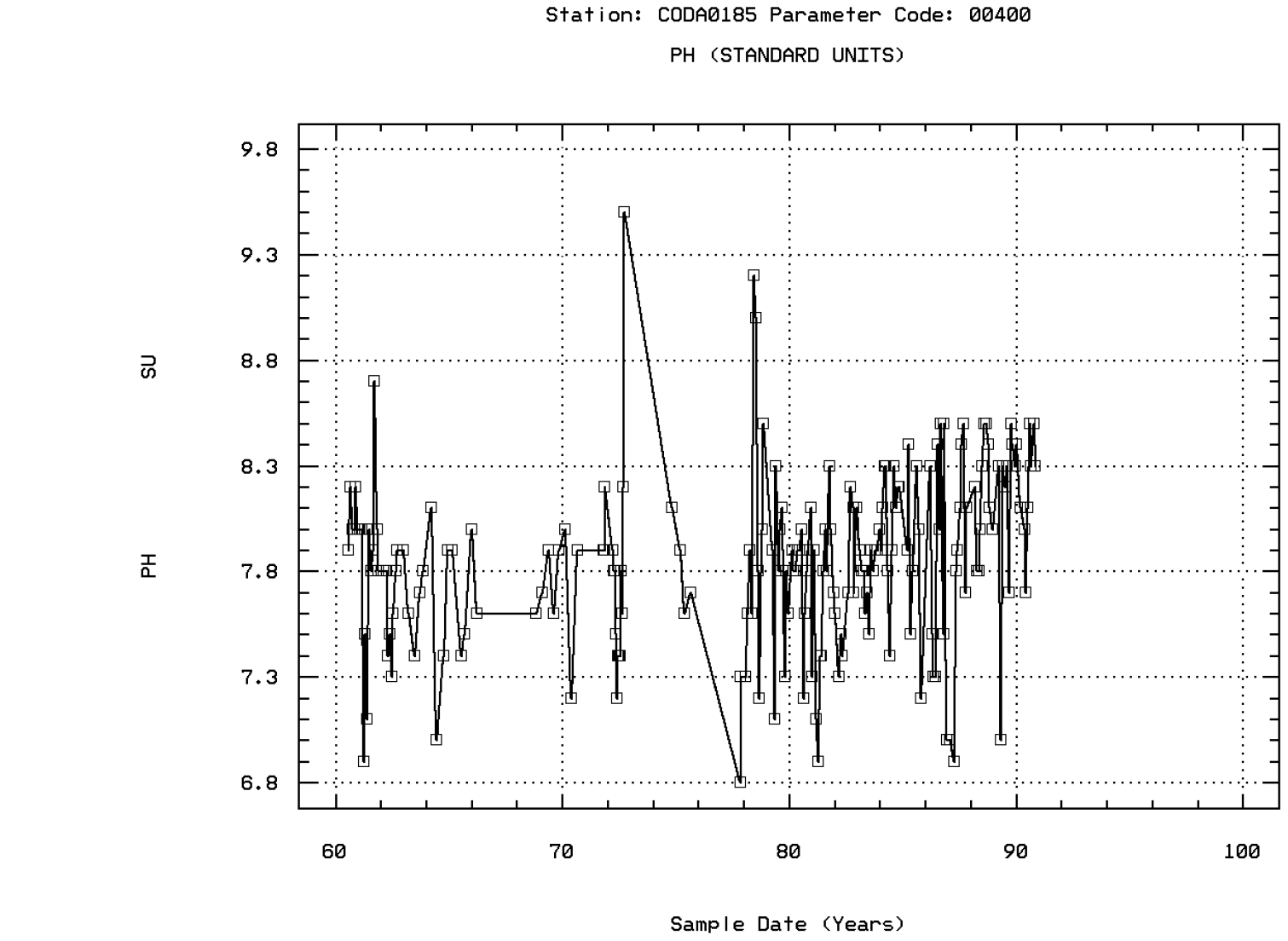
KETTLE RIVER NEAR BARSTOW



KETTLE RIVER NEAR BARSTOW



KETTLE RIVER NEAR BARSTOW



KETTLE RIVER NEAR BARSTOW

Annual Analysis for 1960 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	6	9.75	9.917	23.5	0.5	77.242	8.789	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	6	5.	4.167	5.	0.	4.167	2.041	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	6	203.	195.5	217.	153.	556.7	23.594	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	6	11.	11.183	13.4	9.	3.678	1.918	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	6	8.	8.05	8.2	7.9	0.015	0.122	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	6	8.	8.036	8.2	7.9	0.015	0.123	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	6	0.01	0.009	0.013	0.006	0.	0.002	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	6	0.06	0.057	0.11	0.	0.002	0.042	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	11	10.	10.809	25.	0.5	68.671	8.287	0.52	4.	19.5	24.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	11	5.	8.182	30.	5.	56.364	7.508	5.	5.	10.	26.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	11	161.	160.545	233.	52.	3209.073	56.649	62.2	109.	207.	230.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	11	11.5	11.209	14.1	7.9	3.887	1.972	8.08	9.	12.7	13.94
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	11	7.9	7.791	8.7	6.9	0.237	0.487	6.94	7.5	8.	8.56
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	11	7.9	7.532	8.7	6.9	0.311	0.557	6.94	7.5	8.	8.56
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	11	0.013	0.029	0.126	0.002	0.001	0.038	0.004	0.01	0.032	0.117
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	11	0.05	0.04	0.11	0.	0.001	0.029	0.004	0.02	0.05	0.098

** - Less than 9 observations ## - Computed with 50% or 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 CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	9	11.	11.444	19.	0.5	39.025	6.247	0.5	6.5	17.1	19.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	9	0.	2.778	10.	0.	13.194	3.632	0.	0.	5.	10.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	9	5.	10.	25.	5.	75.	8.66	5.	5.	17.5	25.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	9	128.	120.333	197.	52.	2802.	52.934	52.	64.	168.5	197.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	8	10.85	11.075	13.2	9.4	2.316	1.522	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	9	7.8	7.667	7.9	7.3	0.05	0.224	7.3	7.45	7.85	7.9
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	9	7.8	7.613	7.9	7.3	0.053	0.231	7.3	7.45	7.85	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	9	0.016	0.024	0.05	0.013	0.	0.013	0.013	0.014	0.036	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	9	0.07	0.049	0.07	0.	0.001	0.028	0.	0.02	0.07	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 1963 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	3	15.5	13.833	16.5	9.5	14.333	3.786	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	4	5.	5.	5.	5.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	4	153.5	137.	169.	72.	2071.333	45.512	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	3	9.5	10.033	11.2	9.4	1.023	1.012	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	4	7.65	7.625	7.8	7.4	0.029	0.171	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	4	7.647	7.599	7.8	7.4	0.03	0.173	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	4	0.023	0.025	0.04	0.016	0.	0.01	**	**	**	**

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

Annual Analysis for 1963 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	4	0.035	0.035	0.05	0.02	0.	0.017	**	**	**	**

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

Annual Analysis for 1964 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	3	3.	5.	11.	1.	28.	5.292	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	4	0.	1.25	5.	0.	6.25	2.5	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	4	5.	7.5	20.	0.	91.667	9.574	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	4	114.	115.5	188.	46.	3886.333	62.34	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	3	11.9	12.5	13.9	11.7	1.48	1.217	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	4	7.65	7.6	8.1	7.	0.247	0.497	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	4	7.582	7.397	8.1	7.	0.302	0.549	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	4	0.026	0.04	0.1	0.008	0.002	0.042	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	4	0.06	0.053	0.07	0.02	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

Annual Analysis for 1965 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	3	0.5	2.833	8.	0.	20.083	4.481	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	3	5.	3.333	5.	0.	8.333	2.887	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	4	2.5	2.5	5.	0.	8.333	2.887	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	4	141.5	150.5	205.	114.	1609.667	40.121	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	4	11.85	11.55	14.5	8.	9.697	3.114	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	4	7.7	7.7	8.	7.4	0.087	0.294	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	4	7.655	7.629	8.	7.4	0.093	0.306	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	4	0.022	0.024	0.04	0.01	0.	0.015	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	4	0.08	0.075	0.09	0.05	0.	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

Annual Analysis for 1966 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	1	188.	188.	188.	188.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	1	12.1	12.1	12.1	12.1	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

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

Annual Analysis for 1968 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	1	111.	111.	111.	111.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	1	12.6	12.6	12.6	12.6	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

Annual Analysis for 1969 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	4	8.	9.75	22.	1.	88.25	9.394	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	4	0.	5.	20.	0.	100.	10.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	4	129.	122.25	166.	65.	1793.583	42.351	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	4	11.55	11.275	14.2	7.8	7.062	2.658	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	4	7.8	7.775	7.9	7.6	0.023	0.15	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	4	7.789	7.755	7.9	7.6	0.023	0.152	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	4	0.016	0.018	0.025	0.013	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	4	0.3	0.35	0.7	0.1	0.07	0.265	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	3	13.	12.	22.	1.	111.	10.536	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	3	5.	10.	20.	5.	75.	8.66	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	3	176.	151.	205.	72.	4891.	69.936	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	3	8.8	7.8	14.6	0.	54.04	7.351	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	3	7.9	7.7	8.	7.2	0.19	0.436	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	3	7.9	7.544	8.	7.2	0.226	0.476	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	3	0.013	0.029	0.063	0.01	0.001	0.03	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	3	0.5	0.467	0.6	0.3	0.023	0.153	**	**	**	**

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Annual Analysis for 1971 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	4	5.95	6.325	10.9	2.5	12.683	3.561	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	4	344.	355.25	396.	337.	772.917	27.801	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	4	1.	1.125	2.	0.5	0.396	0.629	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	4	9.	11.5	20.	8.	32.333	5.686	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	4	197.5	198.25	208.	190.	58.917	7.676	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	4	12.35	12.15	13.1	10.8	0.95	0.975	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	4	7.9	7.975	8.2	7.9	0.022	0.15	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	4	7.9	7.958	8.2	7.9	0.023	0.151	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	4	0.013	0.011	0.013	0.006	0.	0.003	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	4	0.03	0.04	0.1	0.	0.002	0.042	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	4	0.	0.	0.	0.	0.	0.	**	**	**	**

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Annual Analysis for 1971 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	4	0.065	0.065	0.11	0.02	0.003	0.052	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	4	0.02	0.02	0.03	0.01	0.	0.008	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	4	0.005	0.005	0.01	0.	0.	0.006	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.								

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Annual Analysis for 1972 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	13	10.5	11.354	20.	5.	26.719	5.169	5.08	6.95	15.95	19.8
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	13	3200.	5527.538	23100.	490.	41254222.103	6422.945	542.	929.	9560.	18220.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	13	2.	4.462	26.	1.	44.103	6.641	1.	2.	4.5	18.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	13	27.	32.538	71.	10.	397.769	19.944	10.8	14.	51.	66.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	13	119.	123.154	213.	52.	2690.808	51.873	58.4	77.	171.	207.4
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	12	11.6	11.358	13.	9.4	1.63	1.277	9.46	10.2	12.525	12.97
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	13	7.8	7.8	9.5	7.2	0.337	0.58	7.28	7.4	7.9	8.98
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	13	7.8	7.611	9.5	7.2	0.375	0.613	7.28	7.4	7.9	8.98
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	13	0.016	0.025	0.063	0.	0.	0.017	0.003	0.013	0.04	0.054
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	13	0.04	0.072	0.32	0.01	0.007	0.084	0.01	0.015	0.1	0.244
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	13	0.	0.005	0.02	0.	0.	0.007	0.	0.	0.01	0.016
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	13	0.05	0.058	0.12	0.01	0.001	0.031	0.014	0.035	0.085	0.108
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	12	0.02	0.024	0.06	0.01	0.	0.015	0.01	0.01	0.03	0.054
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	13	0.	0.004	0.03	0.	0.	0.009	0.	0.	0.005	0.022
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	13 ##	10.	14.923	74.	0.	331.744	18.214	4.	10.	10.	52.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	13 ##	1.	1.013	1.869	0.	0.154	0.392	0.4	1.	1.	1.642
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.306								

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Annual Analysis for 1974 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	1	278.	278.	278.	278.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	1	11.9	11.9	11.9	11.9	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1975 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	8	9.95	9.45	20.2	3.2	31.294	5.594	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	8	615.5	2197.625	13300.	357.	20161948.554	4490.206	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	8	10.	10.75	21.	3.	44.5	6.671	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	8	23.	25.75	59.	13.	211.357	14.538	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	8	173.5	174.5	260.	84.	2488.286	49.883	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	8	9.35	10.213	13.6	9.	3.278	1.811	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	3	7.7	7.733	7.9	7.6	0.023	0.153	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	3	7.7	7.716	7.9	7.6	0.024	0.154	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	3	0.02	0.019	0.025	0.013	0.	0.006	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	8	0.06	0.078	0.13	0.04	0.002	0.039	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	8	0.055	0.065	0.13	0.03	0.001	0.034	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	8	0.015	0.02	0.04	0.01	0.	0.013	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	8	0.	0.001	0.01	0.	0.	0.004	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	3	6.	5.5	10.	0.5	22.75	4.77	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	3	0.778	0.492	1.	-0.301	0.484	0.696	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.107								

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Annual Analysis for 1976 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	18	7.8	9.972	21.7	1.2	45.887	6.774	1.38	3.45	16.2	19.72
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	18	2335.	4870.722	21700.	510.	35140316.212	5927.927	514.5	631.5	6387.5	16030.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	18	4.5	7.183	18.	1.	39.97	6.322	1.9	2.	11.	18.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	17	18.	17.235	35.	5.	100.816	10.041	5.	7.	26.5	31.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	18	100.	113.167	205.	42.	2931.324	54.142	42.9	68.75	168.75	191.5
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	18	10.	10.333	13.7	7.8	1.866	1.366	8.61	9.675	10.8	12.53
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	18	0.07	0.098	0.47	0.01	0.01	0.1	0.037	0.048	0.103	0.191
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	18	0.04	0.08	0.24	0.01	0.005	0.074	0.019	0.02	0.133	0.204
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	18	0.016	0.021	0.07	0.01	0.	0.017	0.01	0.01	0.02	0.052
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	18	0.	0.001	0.01	0.	0.	0.003	0.	0.	0.	0.01

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Annual Analysis for 1977 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	2	6.7	6.7	8.5	4.9	6.48	2.546	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	2	10.5	10.5	18.	3.	112.5	10.607	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	1	205.	205.	205.	205.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	2	7.05	7.05	7.3	6.8	0.125	0.354	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	2	6.982	6.982	7.3	6.8	0.134	0.367	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	2	0.104	0.104	0.158	0.05	0.006	0.077	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	2 ##	14.	14.	27.	1.	338.	18.385	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	2 ##	0.716	0.716	1.431	0.	1.024	1.012	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.196								

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Annual Analysis for 1978 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	9	10.	11.344	24.4	1.	52.75	7.263	1.	5.	15.95	24.4
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	2	1340.	1340.	1540.	1140.	80000.	282.843	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	10	9.5	10.3	21.	3.	41.789	6.464	3.	3.	16.5	20.7
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	10	7.5	9.9	20.	6.	27.211	5.216	6.	6.	13.5	19.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	10	102.5	103.9	160.	35.	1612.1	40.151	38.4	69.75	146.25	159.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	10	10.75	10.89	14.	8.1	3.379	1.838	8.2	9.475	12.45	13.86
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	9	101.2	100.844	104.	96.1	9.228	3.038	96.1	97.8	103.8	104.
00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	2	6.	6.	8.	4.	8.	2.828	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	10	7.85	8.01	9.2	7.2	0.465	0.682	7.21	7.525	8.625	9.18
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	10	7.847	7.685	9.2	7.2	0.583	0.764	7.21	7.525	8.625	9.18
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	10	0.014	0.021	0.063	0.001	0.	0.021	0.001	0.003	0.031	0.062
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	3	3.	3.	4.	2.	1.	1.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	10	0.04	0.076	0.39	0.01	0.013	0.114	0.011	0.02	0.073	0.362
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	10	0.035	0.072	0.22	0.	0.006	0.076	0.001	0.018	0.145	0.214
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	10	0.01	0.019	0.05	0.	0.	0.016	0.001	0.01	0.033	0.049
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	10	0.005	0.007	0.02	0.	0.	0.008	0.	0.	0.013	0.02
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	9	8.	24.889	88.	1.	1180.611	34.36	1.	2.5	52.5	88.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	9	0.903	0.948	1.944	0.	0.513	0.716	0.	0.301	1.651	1.944
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.864								

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

Annual Analysis for 1979 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	9	11.6	11.656	22.2	0.1	56.658	7.527	0.1	5.	18.5	22.2
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	9	481.	3313.889	14100.	253.	27378399.361	5232.437	253.	306.5	6355.	14100.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	9	8.	8.333	18.	2.	20.5	4.528	2.	5.5	10.	18.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	9	4.	7.444	36.	1.	118.278	10.876	1.	2.5	6.5	36.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	9	165.	160.556	250.	65.	3896.528	62.422	65.	107.5	210.	250.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	9	10.	10.256	12.9	8.1	2.898	1.702	8.1	8.85	11.75	12.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	9	97.5	97.222	100.2	94.	3.739	1.934	94.	95.8	98.55	100.2
00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	9	8.	8.	27.	2.	61.75	7.858	2.	2.	9.5	27.
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	9	7.8	7.767	8.3	7.1	0.145	0.381	7.1	7.45	8.05	8.3
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	9	7.8	7.608	8.3	7.1	0.173	0.416	7.1	7.45	8.05	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	9	0.016	0.025	0.079	0.005	0.001	0.025	0.005	0.009	0.038	0.079
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	9	4.	5.778	15.	0.5	30.382	5.512	0.5	0.75	10.	15.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	9	0.02	0.02	0.04	0.	0.	0.012	0.	0.01	0.03	0.04
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	9	0.06	0.077	0.25	0.01	0.006	0.076	0.01	0.025	0.11	0.25
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	9	0.01	0.037	0.21	0.	0.005	0.068	0.	0.	0.04	0.21
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	9	0.	0.009	0.03	0.	0.	0.012	0.	0.	0.02	0.03
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	5	35.	38.6	98.	1.	1686.3	41.065	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	5	1.544	1.06	1.991	0.	0.961	0.98	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.475								

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Annual Analysis for 1980 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	11	9.8	10.345	21.4	0.2	45.369	6.736	0.54	5.1	17.	20.72
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	11	897.	3407.727	19400.	410.	35482526.618	5956.721	447.6	611.	2250.	17480.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	11	16.	17.	40.	3.	125.	11.18	3.4	8.	25.	37.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	7	8.	7.857	12.	5.	6.143	2.478	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	11	155.	153.182	200.	90.	1216.364	34.876	94.	125.	185.	200.

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Annual Analysis for 1980 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	11	9.9	9.736	12.6	7.3	3.093	1.759	7.42	8.	11.	12.54
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	11	90.2	90.573	100.3	78.	60.816	7.798	78.8	82.2	97.9	100.
00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	10	12.5	12.1	24.	2.	59.433	7.709	2.2	4.	17.75	23.9
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	11	7.9	7.809	8.1	7.2	0.057	0.239	7.28	7.8	7.9	8.08
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	11	7.9	7.732	8.1	7.2	0.064	0.252	7.28	7.8	7.9	8.08
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	11	0.013	0.019	0.063	0.008	0.	0.015	0.008	0.013	0.016	0.056
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	11	4.	8.182	30.	0.5	97.714	9.885	0.5	1.	18.	28.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	11	0.01	0.027	0.1	0.	0.001	0.037	0.001	0.005	0.03	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	6	0.01	0.036	0.16	0.005	0.004	0.061	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	8	0.04	0.079	0.36	0.01	0.014	0.117	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	11	0.03	0.03	0.06	0.01	0.	0.015	0.012	0.02	0.04	0.058
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	10	0.01	0.014	0.04	0.005	0.	0.012	0.005	0.005	0.023	0.039
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	8 ##	7.5	18.	70.	1.	573.143	23.94	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	8 ##	0.849	0.805	1.845	0.	0.557	0.746	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.376								

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Annual Analysis for 1981 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	12	6.55	7.95	17.8	1.	29.906	5.469	1.42	3.325	12.95	17.23
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	11	2070.	3962.727	12300.	1000.	15895241.818	3986.884	1006.	1170.	6880.	11860.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	11	16.	16.273	38.	1.	149.018	12.207	1.6	6.	22.	37.4
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	12	14.5	16.5	39.	3.	127.182	11.277	3.3	5.75	24.5	36.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	12	122.5	118.333	180.	65.	1287.879	35.887	66.5	82.5	147.5	171.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	12	10.05	10.733	13.2	9.	2.613	1.617	9.	9.2	12.525	13.17
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	12	92.7	94.3	105.4	86.2	37.585	6.131	86.53	89.925	99.475	104.92
00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	11	15.	14.364	25.	4.	50.655	7.117	4.	9.	20.	24.6
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	12	7.75	7.633	8.3	6.9	0.172	0.414	6.96	7.325	7.975	8.21
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	12	7.747	7.451	8.3	6.9	0.208	0.456	6.96	7.325	7.975	8.21
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	12	0.018	0.035	0.126	0.005	0.001	0.036	0.007	0.011	0.048	0.112
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	12	2.	9.042	48.	0.5	251.703	15.865	0.5	0.625	9.	44.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	12	0.04	0.058	0.23	0.01	0.004	0.061	0.01	0.02	0.06	0.194
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	12 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.009
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	12	0.06	0.07	0.21	0.005	0.003	0.057	0.007	0.033	0.095	0.186
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	12	0.02	0.024	0.07	0.01	0.	0.017	0.01	0.013	0.028	0.061
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	12 ##	0.008	0.01	0.02	0.005	0.	0.006	0.005	0.005	0.018	0.02
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	4	26.5	25.5	48.	1.	551.	23.473	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	4	1.317	1.079	1.681	0.	0.614	0.783	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.986								

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Annual Analysis for 1982 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	9	6.2	7.011	18.6	0.	46.991	6.855	0.	1.1	12.4	18.6
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	7	1650.	3907.143	11100.	670.	20218290.476	4496.475	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	9	3.	4.333	13.	1.	14.75	3.841	1.	1.5	6.	13.
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	11	25.	26.636	58.	8.	241.455	15.539	9.	17.	42.	55.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	9	160.	147.111	170.	98.	670.111	25.887	98.	127.	169.	170.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	9	12.8	12.422	14.4	9.	3.732	1.932	9.	10.95	14.	14.4
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	9	102.8	103.978	109.6	99.9	9.179	3.03	99.9	101.7	106.3	109.6

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Annual Analysis for 1982 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	11	8.	7.909	15.	4.	18.091	4.253	4.	4.	13.	14.6
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	9	7.7	7.733	8.2	7.3	0.107	0.328	7.3	7.45	8.1	8.2
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	9	7.7	7.635	8.2	7.3	0.118	0.344	7.3	7.45	8.1	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	9	0.02	0.023	0.05	0.006	0.	0.015	0.006	0.008	0.036	0.05
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	9	2.	5.167	20.	0.5	43.938	6.629	0.5	0.5	9.	20.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	11	0.03	0.056	0.34	0.01	0.009	0.095	0.012	0.02	0.04	0.282
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	11	0.03	0.051	0.16	0.01	0.002	0.049	0.01	0.01	0.08	0.152
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	10	0.02	0.022	0.04	0.005	0.	0.011	0.006	0.018	0.025	0.04
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	11 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	4 ##	0.5	5.375	20.	0.5	95.063	9.75	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	4 ##	-0.301	0.099	1.301	-0.301	0.642	0.801	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.257								

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Annual Analysis for 1983 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	11	8.4	9.227	19.8	0.1	37.96	6.161	0.44	4.	14.8	18.9
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	8	4305.	6108.75	15000.	1090.	31440469.643	5607.18	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	11	3.	5.455	16.	1.	27.473	5.241	1.	2.	12.	15.2
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	11	21.	25.636	50.	13.	169.455	13.017	13.	17.	38.	49.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	11	145.	139.364	200.	73.	1312.455	36.228	79.2	105.	160.	195.2
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	11	12.2	12.209	15.2	10.2	2.649	1.628	10.22	10.7	13.6	15.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	11	107.3	108.409	114.7	103.2	15.043	3.879	103.22	106.1	112.8	114.4
00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	10	9.	9.	14.	4.	11.556	3.399	4.	6.25	12.	13.8
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	11	7.8	7.8	8.	7.5	0.022	0.148	7.52	7.7	7.9	7.98
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	11	7.8	7.775	8.	7.5	0.023	0.151	7.52	7.7	7.9	7.98
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	11	0.016	0.017	0.032	0.01	0.	0.006	0.011	0.013	0.02	0.03
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	11	4.	9.318	34.	0.5	140.114	11.837	0.6	1.	16.	33.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	11	0.02	0.016	0.02	0.01	0.	0.005	0.01	0.01	0.02	0.02
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	11 ##	0.005	0.005	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.009
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	11	0.03	0.055	0.18	0.005	0.003	0.056	0.006	0.02	0.06	0.172
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	11	0.02	0.023	0.04	0.01	0.	0.009	0.01	0.02	0.03	0.038
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	11 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.005	0.018
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	4 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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Annual Analysis for 1984 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	11	8.2	8.682	20.6	0.2	42.282	6.502	0.2	3.1	13.1	19.66
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	11	1020.	4122.	19300.	579.	32257454.6	5679.565	617.8	920.	6440.	17036.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	11	4.	20.455	180.	1.	2812.873	53.037	1.	3.	7.	146.8
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	11	13.	19.	50.	4.	205.8	14.346	4.8	8.	25.	47.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	11	162.	147.	210.	55.	2067.4	45.469	60.6	115.	165.	206.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	11	11.6	11.745	14.3	9.2	2.307	1.519	9.42	10.8	13.2	14.14
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	11	108.1	104.755	117.1	78.1	149.129	12.212	79.22	106.4	111.1	116.12
00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	10	11.	9.5	17.	4.	19.167	4.378	4.	4.	12.	16.5
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	11	8.1	8.045	8.3	7.4	0.077	0.277	7.48	7.9	8.3	8.3
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	11	8.1	7.947	8.3	7.4	0.087	0.296	7.48	7.9	8.3	8.3

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Annual Analysis for 1984 - Station CODA0185

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	07/27/60-11/07/90	11	0.008	0.011	0.04	0.005	0.	0.01	0.005	0.005	0.013	0.035
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	10	4.5	9.95	38.	0.5	167.025	12.924	0.55	1.75	14.75	37.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	11	0.02	0.015	0.03	0.005	0.	0.008	0.005	0.01	0.02	0.028
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	11	0.05	0.084	0.24	0.005	0.006	0.078	0.01	0.04	0.12	0.236
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	11	0.02	0.03	0.06	0.005	0.	0.017	0.006	0.02	0.04	0.058
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	11	0.01	0.013	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.028
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	3 ##	0.5	16.333	48.	0.5	752.083	27.424	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	3 ##	-0.301	0.36	1.681	-0.301	1.31	1.144	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.289								

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Annual Analysis for 1985 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	7	8.4	9.486	17.2	1.6	25.505	5.05	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	7	807.	2901.143	8550.	428.	13828334.81	3718.647	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	5	5.	4.	6.	1.	4.	2.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	3	8.	13.667	29.	4.	180.333	13.429	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	7	148.	144.714	205.	62.	3918.571	62.598	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	7	11.7	11.443	14.9	9.2	3.586	1.894	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	7	102.1	103.286	110.9	96.9	20.675	4.547	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	6	7.	7.5	16.	2.	23.5	4.848	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	7	7.9	7.871	8.4	7.2	0.179	0.423	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	7	7.9	7.692	8.4	7.2	0.216	0.465	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	7	0.013	0.02	0.063	0.004	0.	0.021	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	6	7.	6.667	10.	2.	8.667	2.944	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	4	0.015	0.014	0.02	0.005	0.	0.008	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	4	0.05	0.063	0.14	0.01	0.003	0.056	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	4	0.02	0.019	0.03	0.005	0.	0.01	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	4 ##	0.005	0.011	0.03	0.005	0.	0.013	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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Annual Analysis for 1986 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	10	7.05	9.97	21.6	0.	46.785	6.84	0.38	5.45	16.425	21.12
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	9	905.	3201.111	9310.	374.	12960531.861	3600.074	374.	551.	7095.	9310.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	5	1.	1.4	3.	0.5	1.175	1.084	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	7	21.	21.143	46.	0.5	348.726	18.674	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	10	121.5	144.6	372.	62.	7991.822	89.397	63.8	82.25	166.5	353.4
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	10	11.5	11.4	14.4	8.7	3.316	1.821	8.8	9.7	12.7	14.29
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	10	103.35	103.62	107.3	100.5	5.677	2.383	100.59	101.475	105.975	107.28
00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	8	14.	11.75	19.	2.	53.357	7.305	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	10	7.75	7.83	8.5	7.	0.327	0.572	7.03	7.3	8.425	8.5
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	10	7.682	7.539	8.5	7.	0.421	0.649	7.03	7.3	8.425	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	10	0.021	0.029	0.1	0.003	0.001	0.031	0.003	0.004	0.05	0.095
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	9	4.	5.056	16.	0.5	20.653	4.545	0.5	2.5	6.5	16.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	9	0.01	0.013	0.02	0.005	0.	0.006	0.005	0.01	0.02	0.02

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Annual Analysis for 1986 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	10 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	9	0.04	0.052	0.18	0.005	0.003	0.054	0.005	0.015	0.07	0.18
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	6	0.015	0.015	0.02	0.01	0.	0.005	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	9 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.008	0.01
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	10	2.	2.9	9.	0.5	9.378	3.062	0.5	0.875	4.25	8.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	10	0.301	0.264	0.954	-0.301	0.19	0.436	-0.301	-0.075	0.584	0.949
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.835								

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Annual Analysis for 1987 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	8	11.8	12.313	20.8	0.6	45.65	6.756	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	9	624.	2759.	12100.	178.	15769417.5	3971.073	178.	211.	4745.	12100.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	9	150.	150.	241.	55.	5170.5	71.906	55.	77.5	224.5	241.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	9	10.9	10.611	13.7	7.9	3.179	1.783	7.9	9.2	11.7	13.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	8	102.8	99.35	104.9	75.6	95.603	9.778	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	9	8.	10.556	25.	4.	50.278	7.091	4.	5.	16.	25.
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	9	7.9	7.822	8.5	6.9	0.312	0.559	6.9	7.35	8.25	8.5
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	9	7.9	7.481	8.5	6.9	0.443	0.666	6.9	7.35	8.25	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	9	0.013	0.033	0.126	0.003	0.002	0.046	0.003	0.006	0.06	0.126
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	9	3.	6.056	21.	0.5	46.028	6.784	0.5	1.5	10.	21.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	9	0.01	0.016	0.05	0.005	0.	0.015	0.005	0.005	0.025	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	5	0.02	0.034	0.09	0.01	0.001	0.034	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	3	0.05	0.06	0.11	0.02	0.002	0.046	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	9	0.01	0.015	0.03	0.005	0.	0.008	0.005	0.01	0.02	0.03
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	8 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	8	1.	5.313	21.	0.5	55.424	7.445	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	8	0.	0.288	1.322	-0.301	0.451	0.671	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.942								

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Annual Analysis for 1988 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	10	9.9	9.76	20.	0.3	39.247	6.265	0.67	4.225	14.65	19.6
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	10	981.	2448.6	10600.	173.	11560677.6	3400.1	198.9	501.	3457.5	10176.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	10	127.	127.3	231.	46.	3133.122	55.974	48.7	74.5	168.	226.5
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	10	12.95	12.2	14.9	9.6	3.424	1.851	9.65	10.1	13.6	14.77
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	10	108.35	110.8	125.5	102.3	53.436	7.31	102.51	105.6	116.425	124.96
00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	10	8.5	9.6	15.	5.	8.489	2.914	5.3	8.	11.5	14.8
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	10	8.15	8.16	8.5	7.8	0.069	0.263	7.8	7.95	8.425	8.5
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	10	8.147	8.09	8.5	7.8	0.075	0.273	7.8	7.95	8.425	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	10	0.007	0.008	0.016	0.003	0.	0.005	0.003	0.004	0.011	0.016
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	10	2.5	5.65	24.	0.5	51.892	7.204	0.55	1.	8.25	22.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	9 ##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	9	0.02	0.036	0.13	0.01	0.002	0.04	0.01	0.01	0.05	0.13
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	9	0.01	0.02	0.09	0.01	0.001	0.026	0.01	0.01	0.015	0.09
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	10 ##	0.005	0.015	0.1	0.005	0.001	0.03	0.005	0.005	0.006	0.091
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	10	2.	4.35	20.	0.5	34.892	5.907	0.55	1.	5.	18.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	10	0.301	0.389	1.301	-0.301	0.217	0.466	-0.271	0.	0.677	1.261
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.446								

** - Less than 9 observations ## - Computed with 50% or 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 CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	9	10.3	11.256	21.5	2.2	41.553	6.446	2.2	5.5	16.85	21.5
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	6	965.	4232.833	11800.	253.	29338367.367	5416.49	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	9	142.	132.333	202.	49.	2771.75	52.647	49.	80.5	174.	202.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	9	11.	11.289	13.7	8.7	2.919	1.708	8.7	9.8	12.8	13.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	9	103.5	105.067	114.5	101.7	15.418	3.927	101.7	102.6	106.4	114.5
00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	8	9.5	11.125	20.	8.	16.696	4.086	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	9	8.3	8.111	8.5	7.	0.224	0.473	7.	7.95	8.35	8.5
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	9	8.3	7.768	8.5	7.	0.356	0.597	7.	7.95	8.35	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	9	0.005	0.017	0.1	0.003	0.001	0.032	0.003	0.004	0.013	0.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	9	4.	8.556	39.	2.	146.278	12.095	2.	2.	11.	39.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	9 ##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	9	0.03	0.036	0.1	0.005	0.001	0.032	0.005	0.005	0.06	0.1
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	9	0.02	0.016	0.04	0.005	0.	0.011	0.005	0.005	0.02	0.04
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	9 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	9	8.	12.056	53.	0.5	287.778	16.964	0.5	1.	17.5	53.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	9	0.903	0.637	1.724	-0.301	0.522	0.722	-0.301	0.	1.228	1.724
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.339								

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

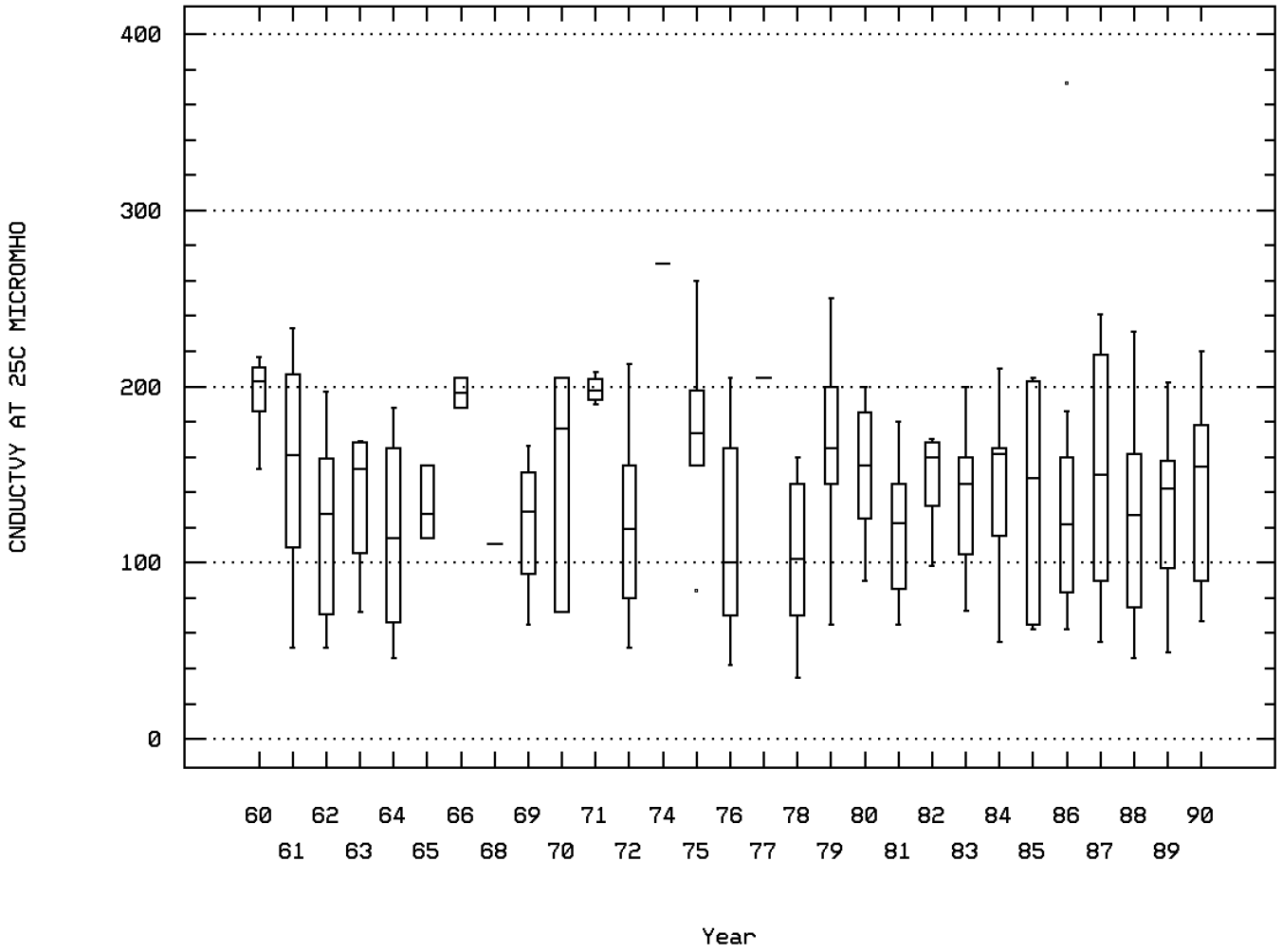
Annual Analysis for 1990 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	10	8.05	9.84	22.1	1.	51.463	7.174	1.22	3.425	17.9	21.74
00060	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	9	1170.	4774.444	20100.	464.	42192738.528	6495.594	464.	593.	7270.	20100.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	10	154.5	140.3	220.	67.	3028.011	55.027	67.6	85.75	183.75	218.1
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	10	12.	11.62	13.9	8.9	3.044	1.745	8.96	9.5	13.1	13.82
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	10	103.15	104.45	111.3	100.9	11.265	3.356	100.99	101.875	106.375	111.07
00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	8	13.5	12.5	27.	2.	92.786	9.633	**	**	**	**
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	9	8.3	8.211	8.5	7.7	0.069	0.262	7.7	8.05	8.45	8.5
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	9	8.3	8.134	8.5	7.7	0.075	0.275	7.7	8.05	8.45	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	9	0.005	0.007	0.02	0.003	0.	0.005	0.003	0.004	0.009	0.02
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	8	3.	14.375	49.	1.	387.125	19.675	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	8 ##	0.005	0.008	0.02	0.005	0.	0.005	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	10	0.03	0.049	0.13	0.005	0.002	0.046	0.006	0.01	0.09	0.129
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	10	0.009	0.018	0.06	0.005	0.	0.02	0.005	0.005	0.028	0.059
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	10 ##	0.005	0.005	0.006	0.005	0.	0.	0.005	0.005	0.005	0.006
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	10	4.5	6.1	15.	0.5	30.267	5.502	0.5	1.625	12.5	14.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	10	0.651	0.558	1.176	-0.301	0.288	0.536	-0.301	0.151	1.096	1.173
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.612								

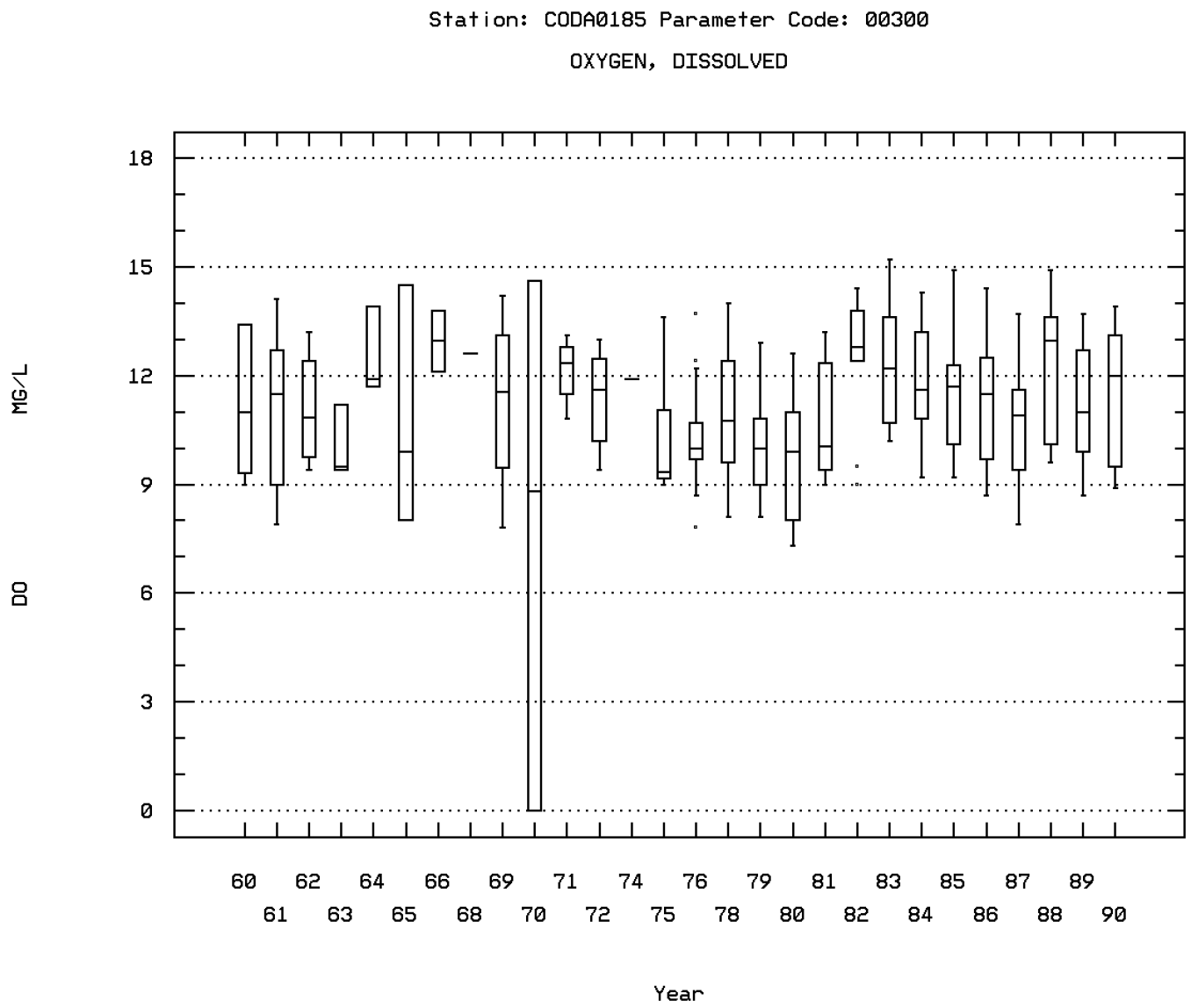
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: CODA0185 Parameter Code: 00095

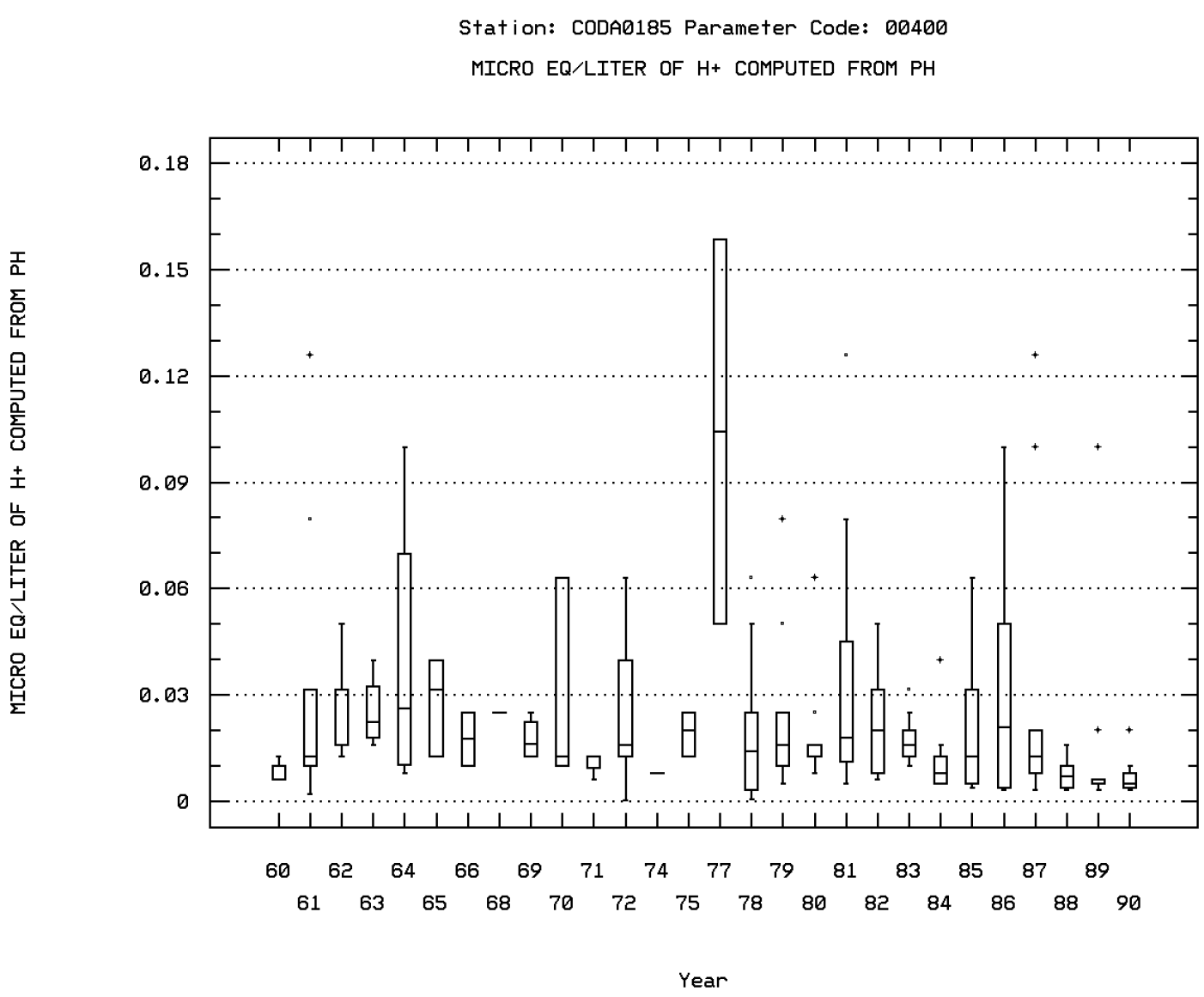
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



KETTLE RIVER NEAR BARSTOW



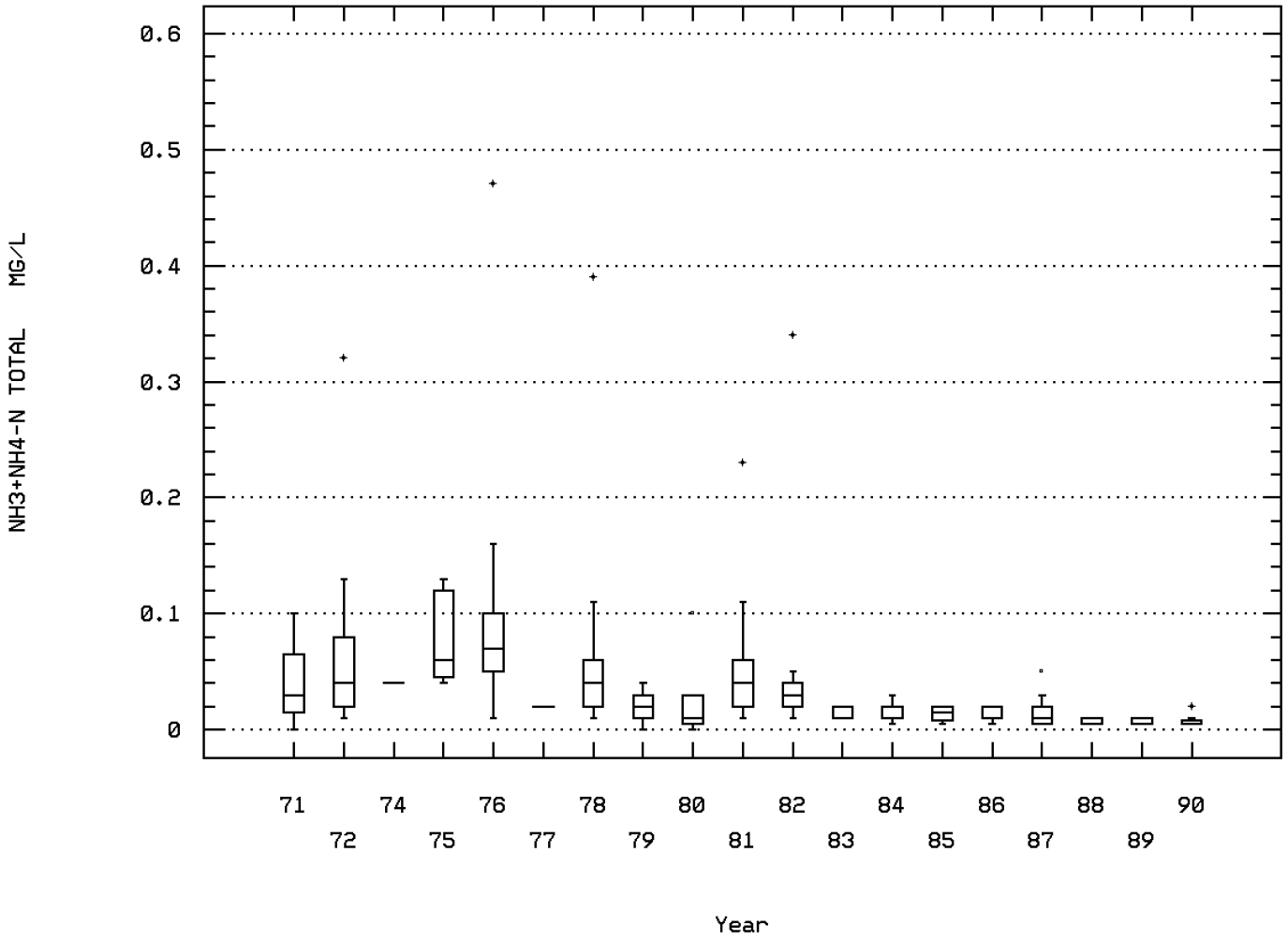
KETTLE RIVER NEAR BARSTOW



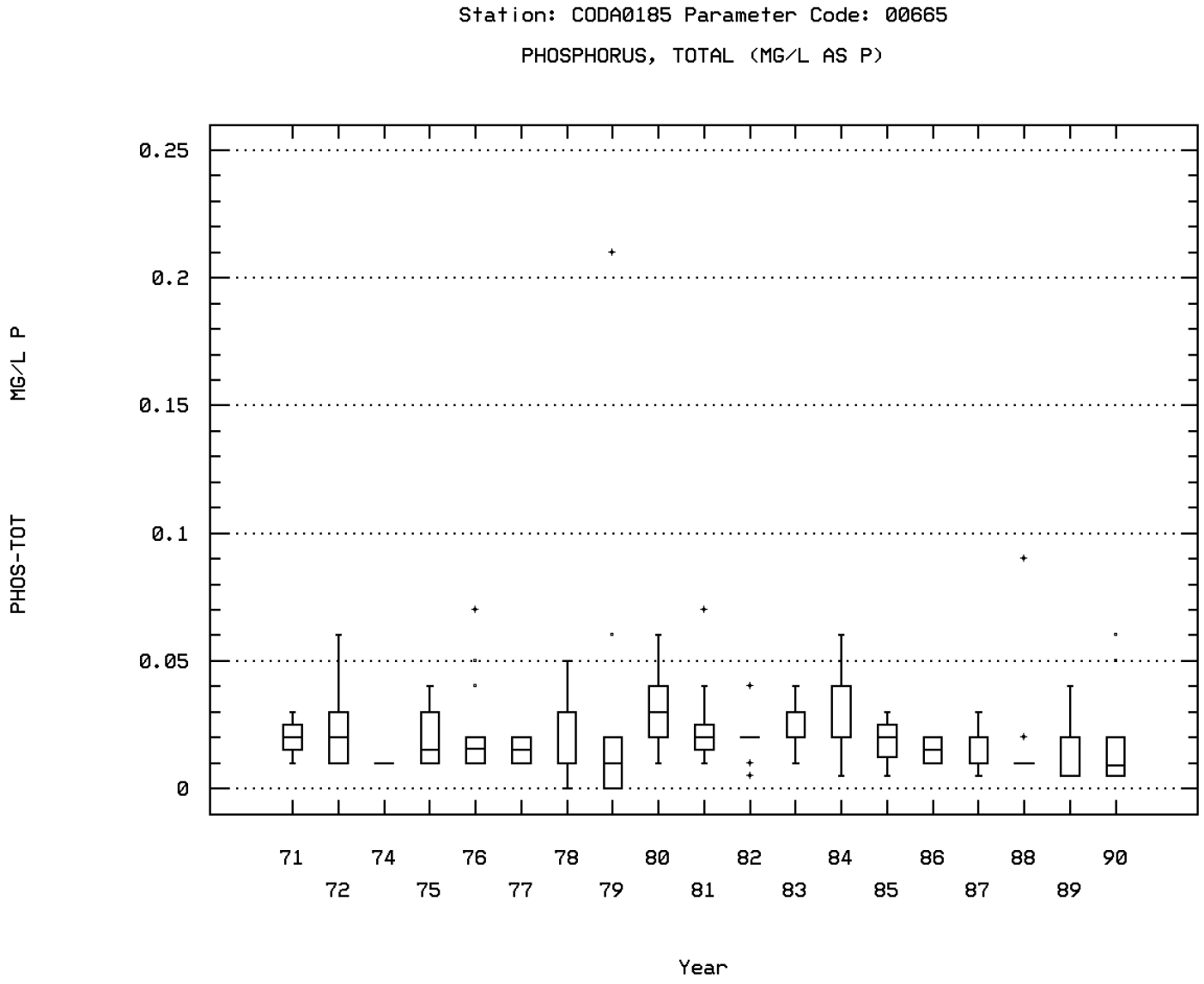
KETTLE RIVER NEAR BARSTOW

Station: CODA0185 Parameter Code: 00610

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



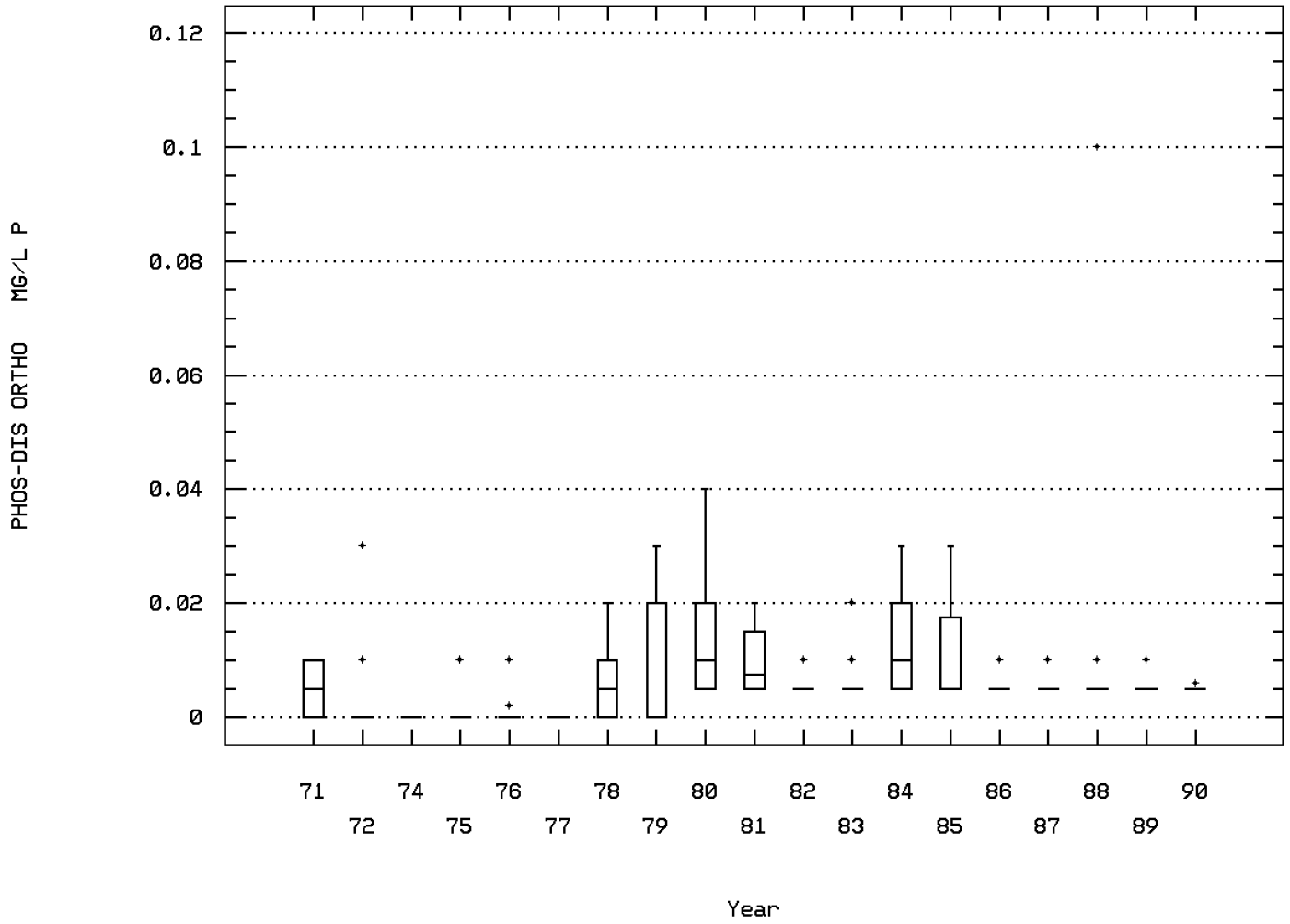
KETTLE RIVER NEAR BARSTOW



KETTLE RIVER NEAR BARSTOW

Station: CODA0185 Parameter Code: 00671

PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (M



KETTLE RIVER NEAR BARSTOW

Seasonal Analysis for Season #1: 8/15 to 1/31 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	90	8.5	8.891	22.	0.	42.979	6.556	0.5	3.	14.975	18.33
00060p	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	62	642.5	781.468	3560.	0.	339235.696	582.439	253.	390.5	967.5	1398.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	61	3.	8.746	180.	0.	552.422	23.504	0.	1.	8.5	18.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	72	8.	10.938	36.	0.	68.478	8.275	3.3	5.	17.	24.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	93	168.	172.043	372.	69.	2097.389	45.797	117.8	143.5	201.5	218.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	89	11.	11.31	15.2	7.9	3.459	1.86	9.	9.65	12.95	13.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	50	102.55	101.098	110.6	75.6	50.403	7.1	93.1	98.05	105.7	107.9
00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	43	8.	7.093	17.	2.	14.741	3.839	2.2	4.	9.	12.6
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	84	8.	7.96	9.5	6.8	0.162	0.402	7.45	7.725	8.2	8.5
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	84	8.	7.767	9.5	6.8	0.2	0.447	7.45	7.725	8.2	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	84	0.01	0.017	0.158	0.	0.	0.022	0.003	0.006	0.019	0.036
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	29	104.	97.069	118.	46.	429.709	20.729	64.	81.	114.	117.
00445	CARBONATE ION (MG/L AS CO3)	07/27/60-08/23/70	18	0.	0.333	6.	0.	2.	1.414	0.	0.	0.	0.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	46	2.	2.609	13.	0.5	7.599	2.757	0.5	0.5	3.25	6.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	68	0.02	0.04	0.34	0.	0.004	0.062	0.005	0.01	0.04	0.11
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	37 ##	0.005	0.004	0.01	0.	0.	0.002	0.	0.005	0.005	0.005
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	55	0.05	0.074	0.5	0.	0.006	0.079	0.016	0.03	0.09	0.168
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	35	0.06	0.069	0.25	0.	0.004	0.064	0.008	0.01	0.09	0.174
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	66	0.01	0.016	0.09	0.	0.	0.013	0.005	0.01	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	68	0.005	0.006	0.03	0.	0.	0.006	0.	0.	0.006	0.01
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-06/06/90	29	87.	81.69	110.	38.	334.079	18.278	54.	67.5	96.	99.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	29	2.	2.	6.	0.	2.643	1.626	0.	1.	4.	4.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	29	26.	24.379	33.	12.	27.101	5.206	16.	20.5	28.5	29.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	29	5.4	5.031	6.8	1.9	1.834	1.354	3.1	3.75	6.15	6.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	29	4.8	4.538	6.	2.3	0.739	0.86	3.2	4.	5.15	5.3
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	29	1.1	1.114	1.7	0.4	0.073	0.271	0.7	1.	1.3	1.5
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	29	0.5	0.628	2.	0.	0.233	0.483	0.2	0.2	0.9	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	29	12.	11.828	16.	5.	8.005	2.829	8.	10.	14.	15.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	22	0.3	0.282	0.4	0.2	0.003	0.059	0.2	0.2	0.3	0.37
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	22	1.2	2.391	11.	0.7	10.986	3.314	0.83	0.9	1.325	10.55
01040	COPPER, DISSOLVED (UG/L AS CU)	10/13/71-10/06/81	14	1.	2.164	8.	0.3	4.77	2.184	0.4	0.875	3.25	6.5
01049	LEAD, DISSOLVED (UG/L AS PB)	10/13/71-10/06/81	14	1.5	28.929	210.	0.	4298.956	65.566	0.	0.	10.75	180.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/13/71-10/06/81	14	10.	16.	40.	0.	145.231	12.051	3.	7.75	21.	40.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/27/60-08/23/70	17	91.	134.765	430.	0.	18587.941	136.338	0.	36.	220.	430.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/27/60-08/23/70	17	1.959	1.702	2.633	0.	0.782	0.885	0.	1.556	2.342	2.633
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			50.311								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	42 ##	1.	6.167	70.	0.5	140.13	11.838	0.5	0.875	10.	11.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	42 ##	0.	0.348	1.845	-0.301	0.357	0.598	-0.301	-0.075	1.	1.055
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.23								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	22	117.	107.	141.	58.	568.667	23.847	70.5	87.	126.25	132.1

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

Seasonal Analysis for Season #2: 2/01 to 4/15 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	47	5.	4.483	9.6	0.2	7.387	2.718	0.58	1.8	6.6	8.2
00060p	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	34	1090.	1831.647	5850.	410.	2702013.69	1643.78	449.5	541.75	2377.5	4915.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	34	4.	7.185	38.	0.	73.998	8.602	0.5	2.	8.5	22.5
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	39	8.	14.308	46.	0.	139.271	11.801	4.	5.	25.	33.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	47	155.	156.702	260.	90.	1216.475	34.878	109.6	138.	180.	200.
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	47	12.3	12.374	14.9	9.7	1.84	1.357	10.	11.6	13.5	14.22
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	28	103.25	100.914	115.2	82.	79.037	8.89	85.95	94.075	107.075	111.21
00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	24	10.5	9.958	23.	2.	33.433	5.782	3.	4.	14.25	18.5
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	41	7.9	7.778	8.4	6.9	0.156	0.395	7.02	7.6	8.	8.3
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	41	7.9	7.567	8.4	6.9	0.201	0.449	7.02	7.6	8.	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	41	0.013	0.027	0.126	0.004	0.001	0.034	0.005	0.01	0.025	0.096

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

Seasonal Analysis for Season #2: 2/01 to 4/15 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	13	86.	85.538	106.	61.	200.103	14.146	63.	72.5	97.5	104.
00445	CARBONATE ION (MG/L AS CO3)	07/27/60-08/23/70	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	25	6.	9.44	42.	0.5	111.653	10.567	0.8	2.5	12.	29.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	37	0.02	0.027	0.1	0.	0.001	0.024	0.005	0.01	0.04	0.064
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	19 ##	0.005	0.005	0.01	0.	0.	0.002	0.	0.005	0.005	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	29	0.07	0.099	0.6	0.01	0.015	0.123	0.02	0.035	0.11	0.22
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	18	0.095	0.101	0.36	0.005	0.008	0.091	0.01	0.028	0.13	0.234
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	37	0.02	0.02	0.05	0.005	0.	0.013	0.009	0.01	0.02	0.042
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	37	0.005	0.006	0.04	0.	0.	0.008	0.	0.	0.01	0.012
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-06/06/90	13	74.	71.385	88.	49.	168.423	12.978	50.6	61.	83.	87.6
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	13	1.	1.538	4.	0.	2.936	1.713	0.	0.	3.5	4.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	13	22.	21.308	26.	15.	13.897	3.728	15.4	18.	24.5	26.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	13	4.8	4.423	5.6	2.9	0.854	0.924	2.98	3.6	5.2	5.56
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	13	4.3	4.169	5.5	2.3	0.786	0.886	2.66	3.4	4.75	5.34
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	13	1.2	1.131	1.7	0.6	0.076	0.275	0.72	0.95	1.3	1.58
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	13	0.5	0.446	0.8	0.	0.059	0.244	0.08	0.2	0.6	0.8
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	12	11.	10.5	13.	7.	4.455	2.111	7.3	8.25	12.75	13.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	10	0.3	0.27	0.3	0.2	0.002	0.048	0.2	0.2	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	10	1.1	3.27	13.	0.8	21.407	4.627	0.83	1.1	3.725	12.8
01040	COPPER, DISSOLVED (UG/L AS CU)	10/13/71-10/06/81	6	1.	1.5	4.	0.5	1.8	1.342	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/13/71-10/06/81	6	3.	18.167	92.	0.	1317.367	36.296	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/13/71-10/06/81	6	6.	6.167	10.	2.5	11.667	3.416	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/27/60-08/23/70	8	18.	88.625	340.	0.	16555.696	128.669	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/27/60-08/23/70	8	0.778	1.06	2.531	0.	1.361	1.167	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			11.473								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	22 ##	0.75	2.636	12.	0.	12.981	3.603	0.5	0.5	4.25	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	22 ##	-0.151	0.116	1.079	-0.301	0.254	0.504	-0.301	-0.301	0.626	1.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.305								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	10	104.	102.	119.	88.	96.889	9.843	88.	94.	109.25	118.1

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

Seasonal Analysis for Season #3: 4/16 to 8/14 - Station CODA0185

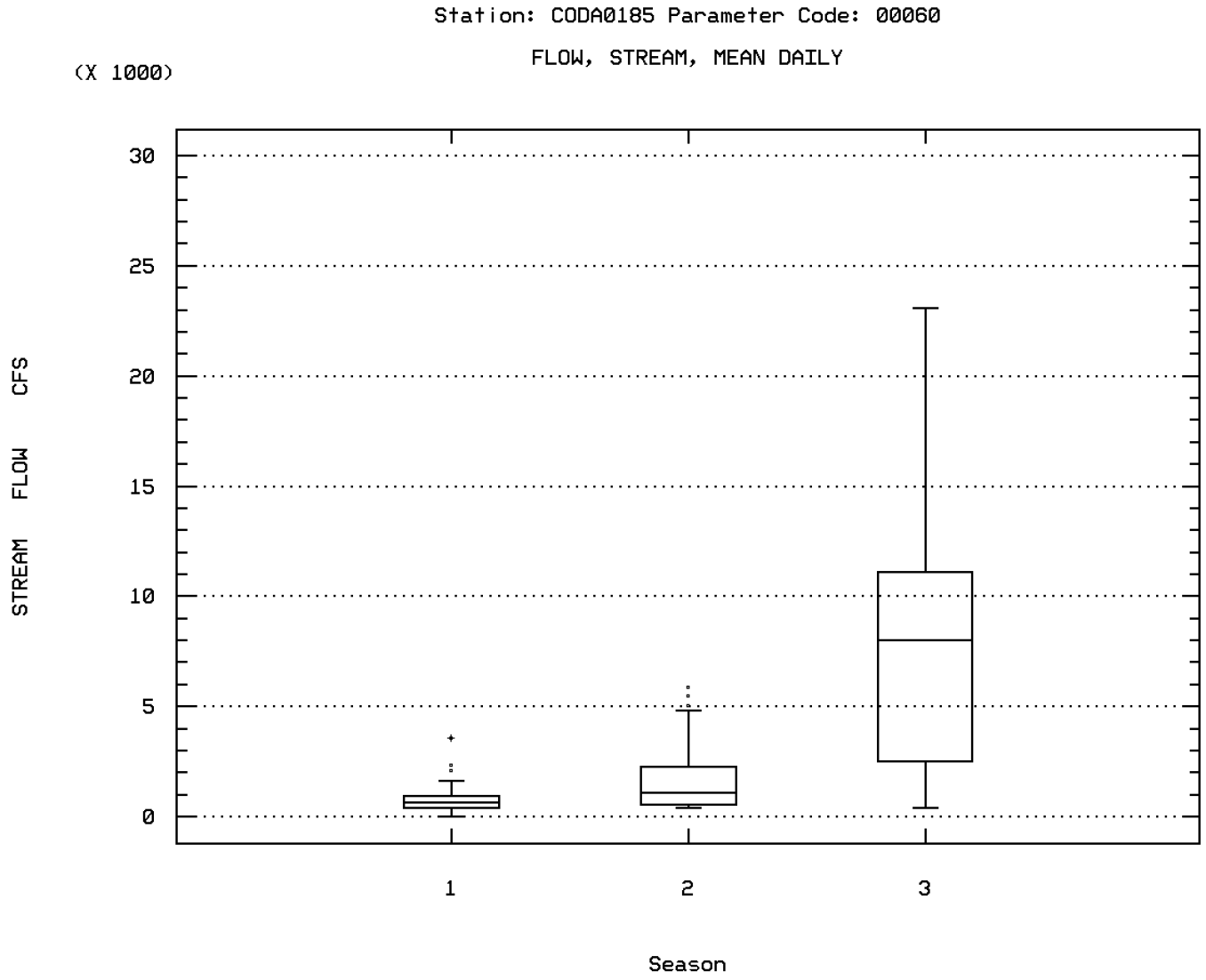
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/60-11/07/90	79	13.5	14.014	25.	6.9	25.739	5.073	7.4	9.8	18.	21.6
00060p	FLOW, STREAM, MEAN DAILY CFS	10/29/60-10/10/90	58	8030.	8103.931	23100.	408.	33536097.223	5791.036	890.2	2467.5	11225.	15790.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/61-07/09/86	54	5.5	8.463	40.	0.	59.15	7.691	1.5	3.	12.25	18.5
00080p	COLOR (PLATINUM-COBALT UNITS)	07/27/60-09/10/86	60	20.	22.458	71.	0.	326.35	18.065	4.	7.25	33.75	50.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/60-11/07/90	80	83.	94.388	205.	35.	1524.316	39.042	52.	65.	115.	159.8
00300p	OXYGEN, DISSOLVED MG/L	07/27/60-11/07/90	79	10.1	10.178	13.6	0.	3.56	1.887	8.1	9.3	11.7	12.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	02/07/78-11/07/90	48	103.35	103.39	125.5	78.	75.942	8.714	93.01	99.275	108.575	114.52
00340	COD, .25N K2CR2O7 MG/L	10/10/78-11/07/90	45	13.	13.556	27.	2.	43.753	6.615	4.6	8.	17.	24.4
00400p	PH (STANDARD UNITS)	07/27/60-11/07/90	72	7.8	7.764	9.2	7.	0.189	0.435	7.23	7.4	8.	8.3
00400p	CONVERTED PH (STANDARD UNITS)	07/27/60-11/07/90	72	7.8	7.59	9.2	7.	0.22	0.469	7.23	7.4	8.	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/60-11/07/90	72	0.016	0.026	0.1	0.001	0.	0.022	0.005	0.01	0.04	0.059
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/60-09/27/72	22	39.	44.727	87.	0.	449.255	21.196	24.3	29.25	59.	79.5
00445	CARBONATE ION (MG/L AS CO3)	07/27/60-08/23/70	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/08/78-11/07/90	45	7.	12.011	49.	0.5	177.369	13.318	1.	3.	17.	36.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/13/71-11/07/90	64	0.02	0.05	0.47	0.	0.007	0.082	0.005	0.01	0.06	0.115
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/13/71-11/04/87	34 ##	0.005	0.006	0.02	0.	0.	0.003	0.003	0.005	0.005	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/60-07/08/87	49	0.03	0.059	0.7	0.	0.012	0.107	0.005	0.01	0.07	0.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/74-11/07/90	33	0.03	0.037	0.16	0.005	0.001	0.034	0.01	0.02	0.035	0.072
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/13/71-11/07/90	63	0.02	0.029	0.21	0.	0.001	0.029	0.01	0.01	0.04	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/13/71-11/07/90	65	0.005	0.009	0.1	0.	0.	0.014	0.	0.	0.01	0.02
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/60-06/06/90	23	32.	61.13	549.	20.	11568.937	107.559	21.4	28.	52.	72.6
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/60-09/27/72	21	0.	0.952	8.	0.	3.448	1.857	0.	0.	1.5	2.8

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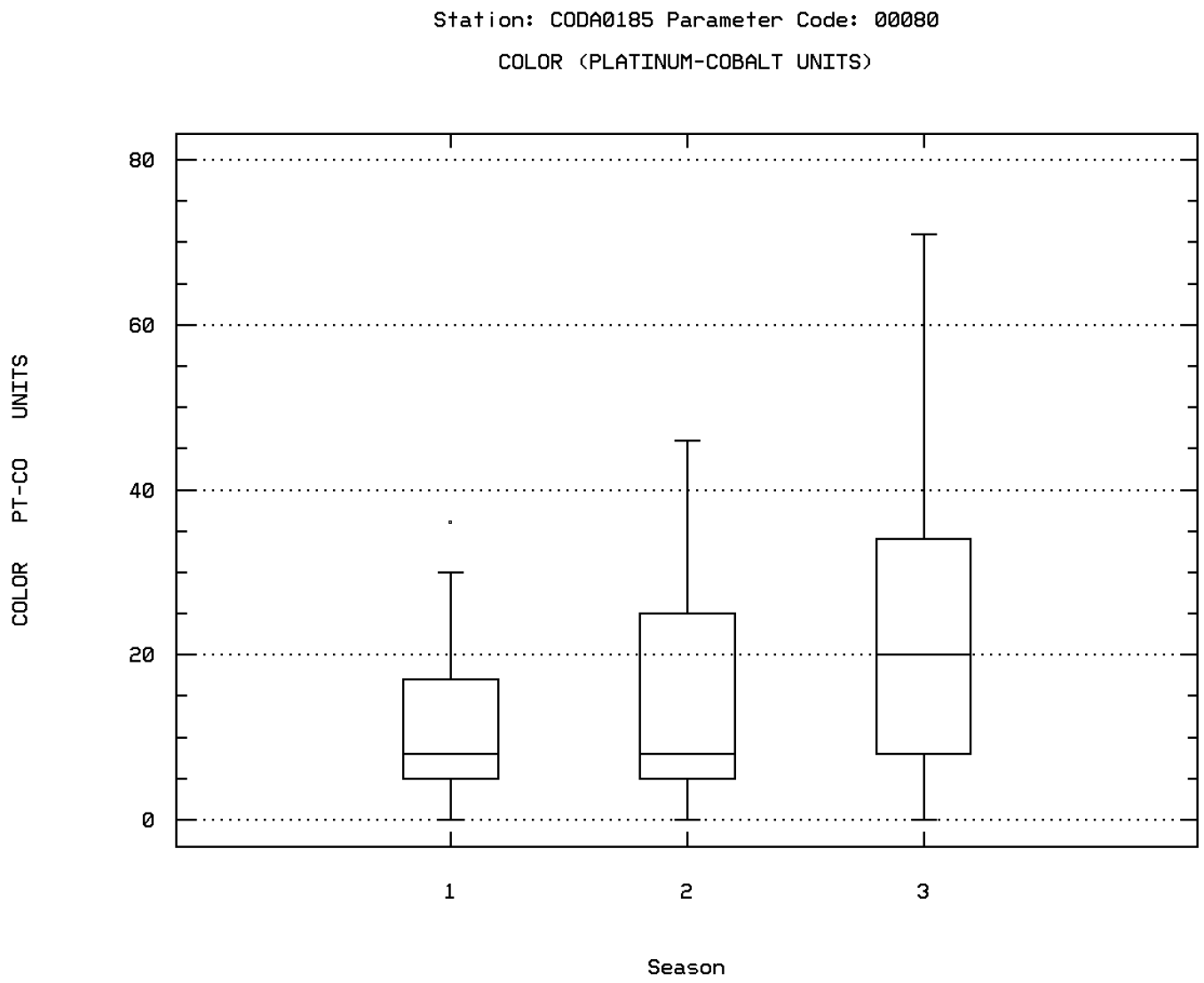
Seasonal Analysis for Season #3: 4/16 to 8/14 - Station CODA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/60-09/27/72	22	9.7	11.936	22.	6.4	21.987	4.689	7.	8.475	15.25	19.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/60-09/27/72	22	1.75	2.218	5.4	0.8	1.358	1.165	1.03	1.4	2.8	4.21
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/60-09/27/72	22	2.	2.218	4.	0.8	0.62	0.787	1.26	1.775	2.8	3.52
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/60-09/27/72	22	0.65	0.7	1.2	0.1	0.065	0.254	0.4	0.6	0.825	1.14
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/60-09/27/72	22	0.25	0.427	2.	0.	0.267	0.517	0.	0.	0.9	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/60-09/27/72	22	5.5	5.8	11.	0.6	5.68	2.383	3.3	4.	7.	9.7
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/27/60-08/23/70	15	0.2	0.187	0.3	0.1	0.003	0.052	0.1	0.2	0.2	0.24
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/60-08/23/70	15	1.1	2.587	11.	0.7	12.44	3.527	0.76	0.9	1.3	11.
01040	COPPER, DISSOLVED (UG/L AS CU)	10/13/71-10/06/81	13	2.	2.615	9.	1.	5.09	2.256	1.	1.	3.5	7.
01049	LEAD, DISSOLVED (UG/L AS PB)	10/13/71-10/06/81	13	4.	20.308	150.	1.	1628.897	40.36	1.4	2.	25.5	102.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/13/71-10/06/81	13	10.	28.269	108.	0.	1419.692	37.679	0.	5.25	47.	104.8
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/27/60-08/23/70	13	91.	1458.615	11000.	0.	10034835.256	3167.781	0.	39.5	1315.	8440.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/27/60-08/23/70	13	1.959	2.081	4.041	0.	1.448	1.204	0.	1.595	2.871	3.89
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			120.457								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	42	10.5	22.929	98.	1.	644.263	25.382	2.	6.75	31.25	69.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/10/71-11/07/90	42	1.021	1.086	1.991	0.	0.291	0.539	0.301	0.828	1.494	1.837
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.179								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/60-08/23/70	15	60.	63.8	99.	39.	316.314	17.785	40.2	52.	74.	96.

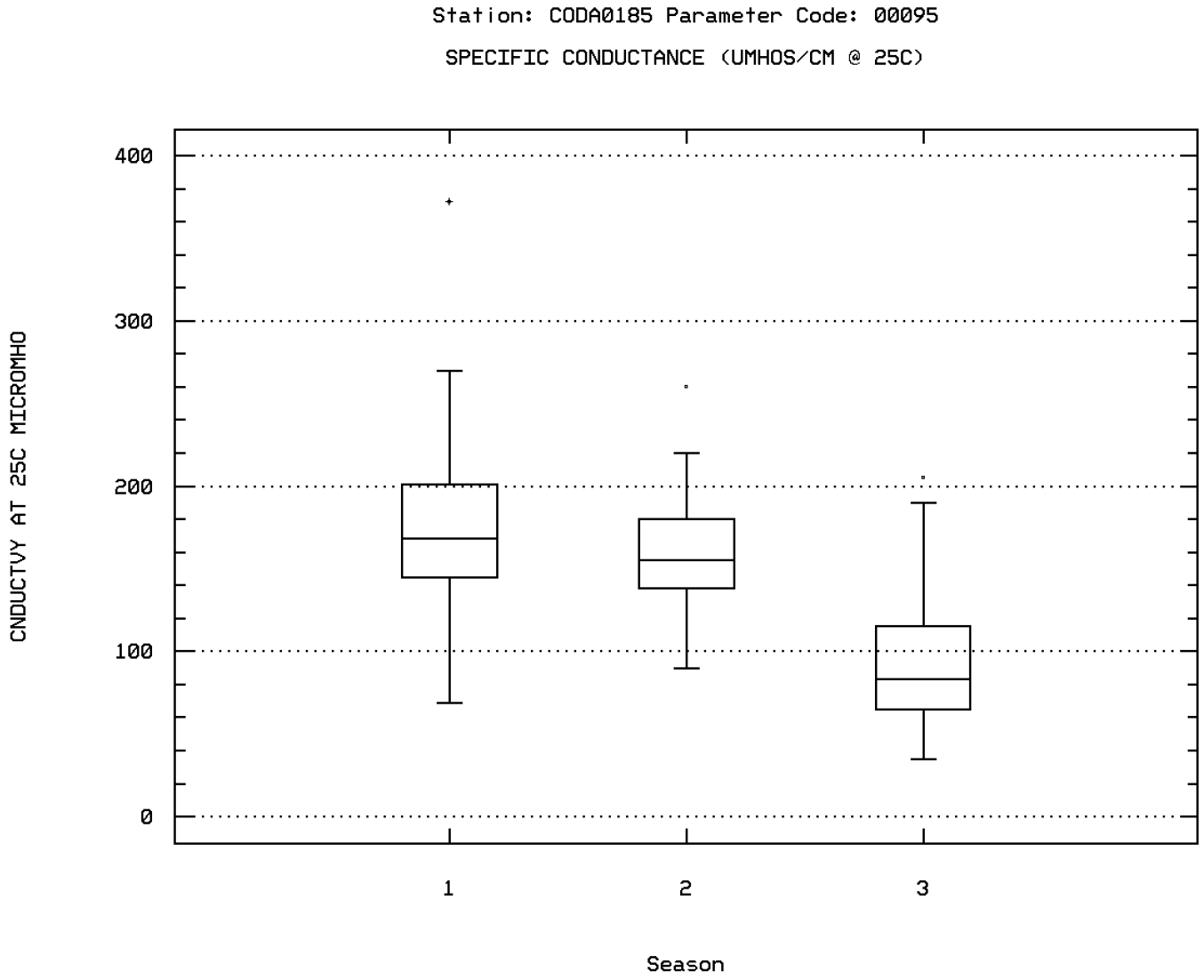
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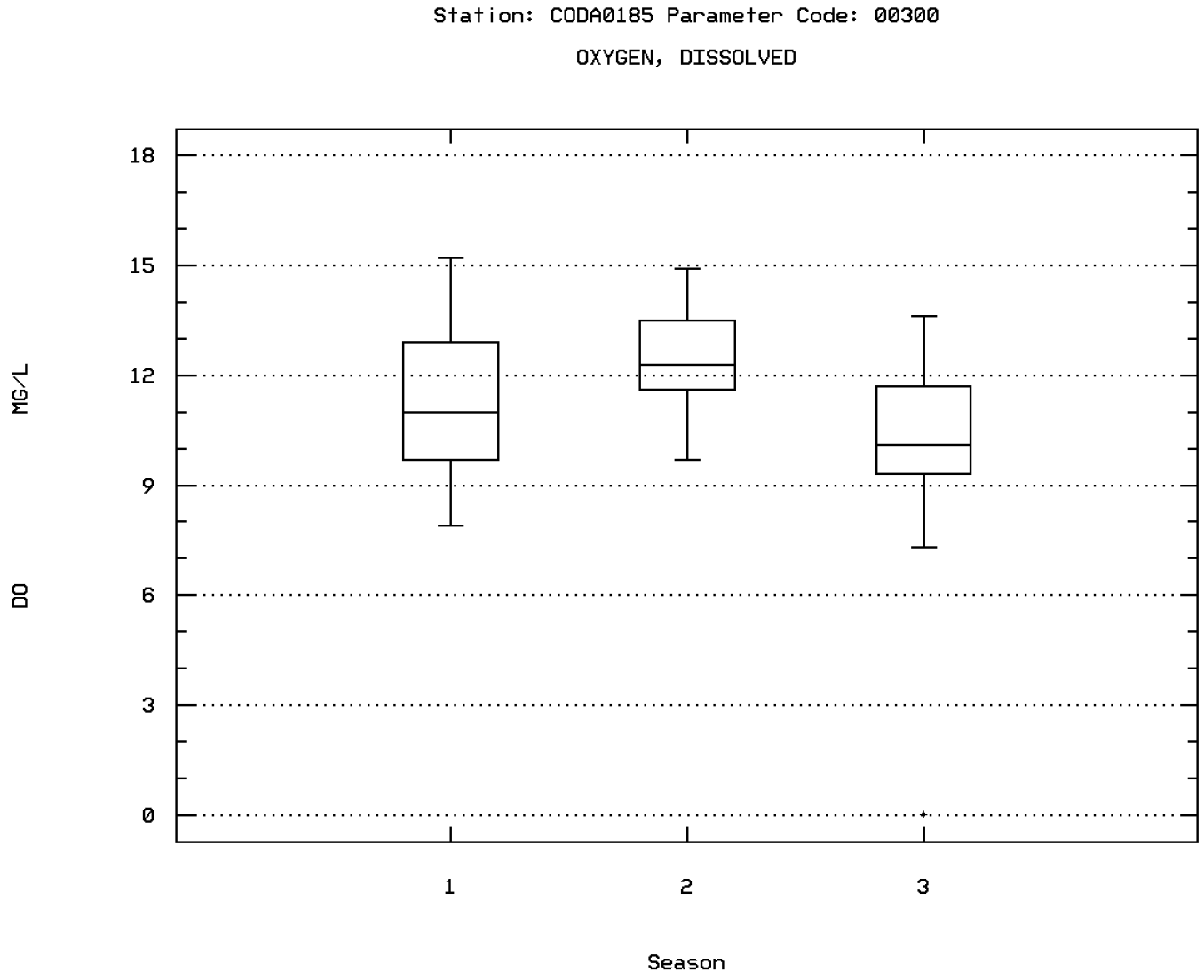
KETTLE RIVER NEAR BARSTOW



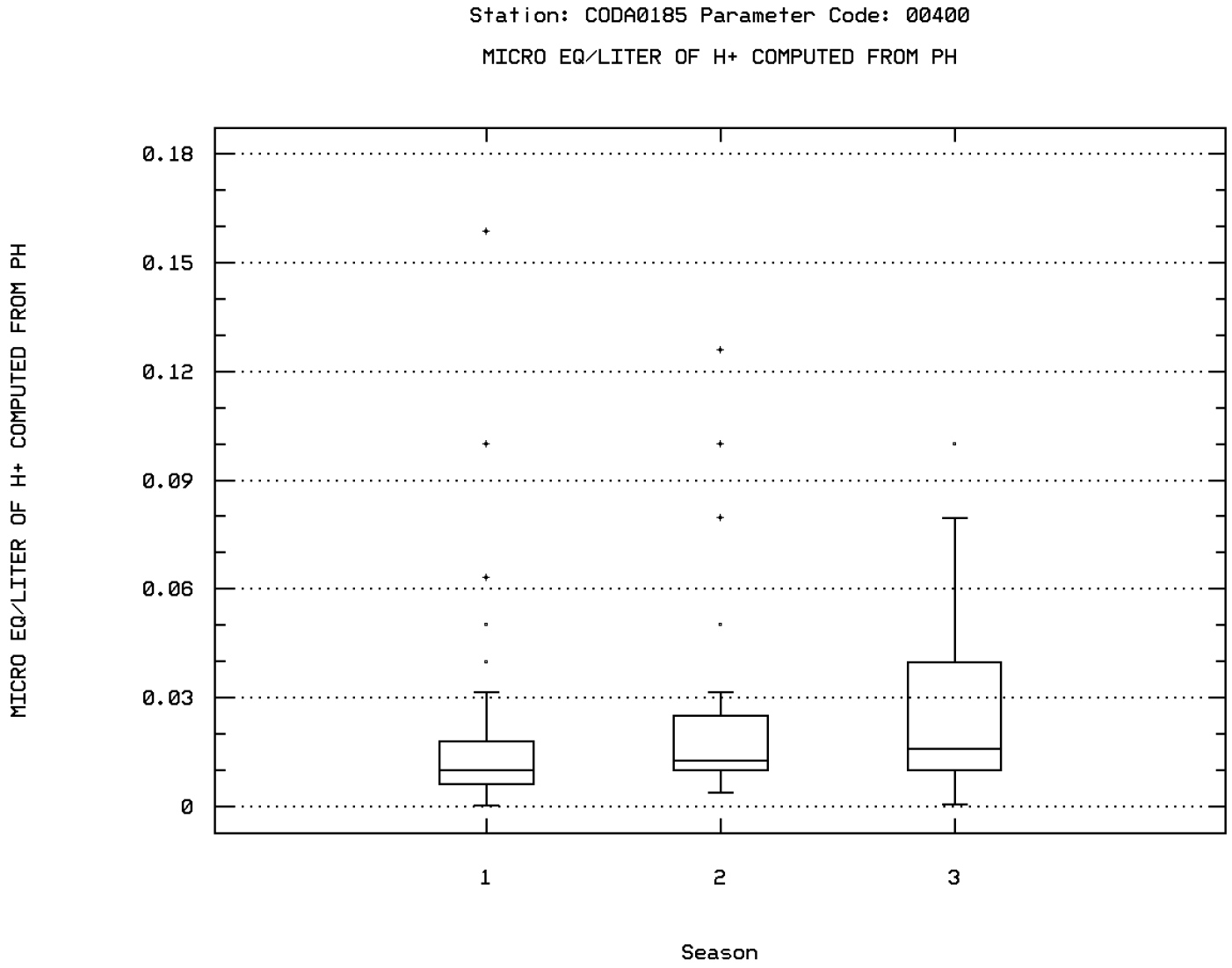
KETTLE RIVER NEAR BARSTOW



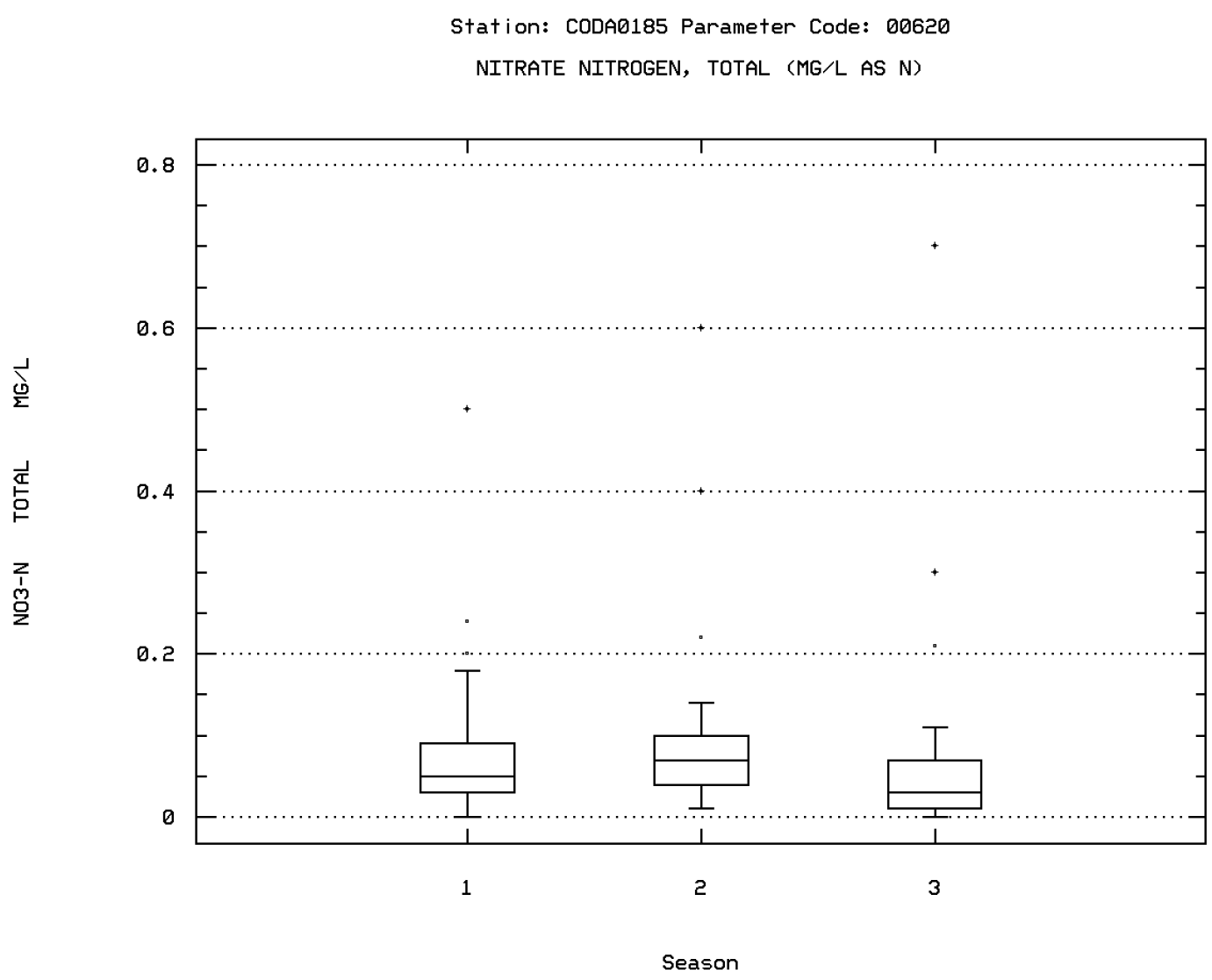
KETTLE RIVER NEAR BARSTOW



KETTLE RIVER NEAR BARSTOW



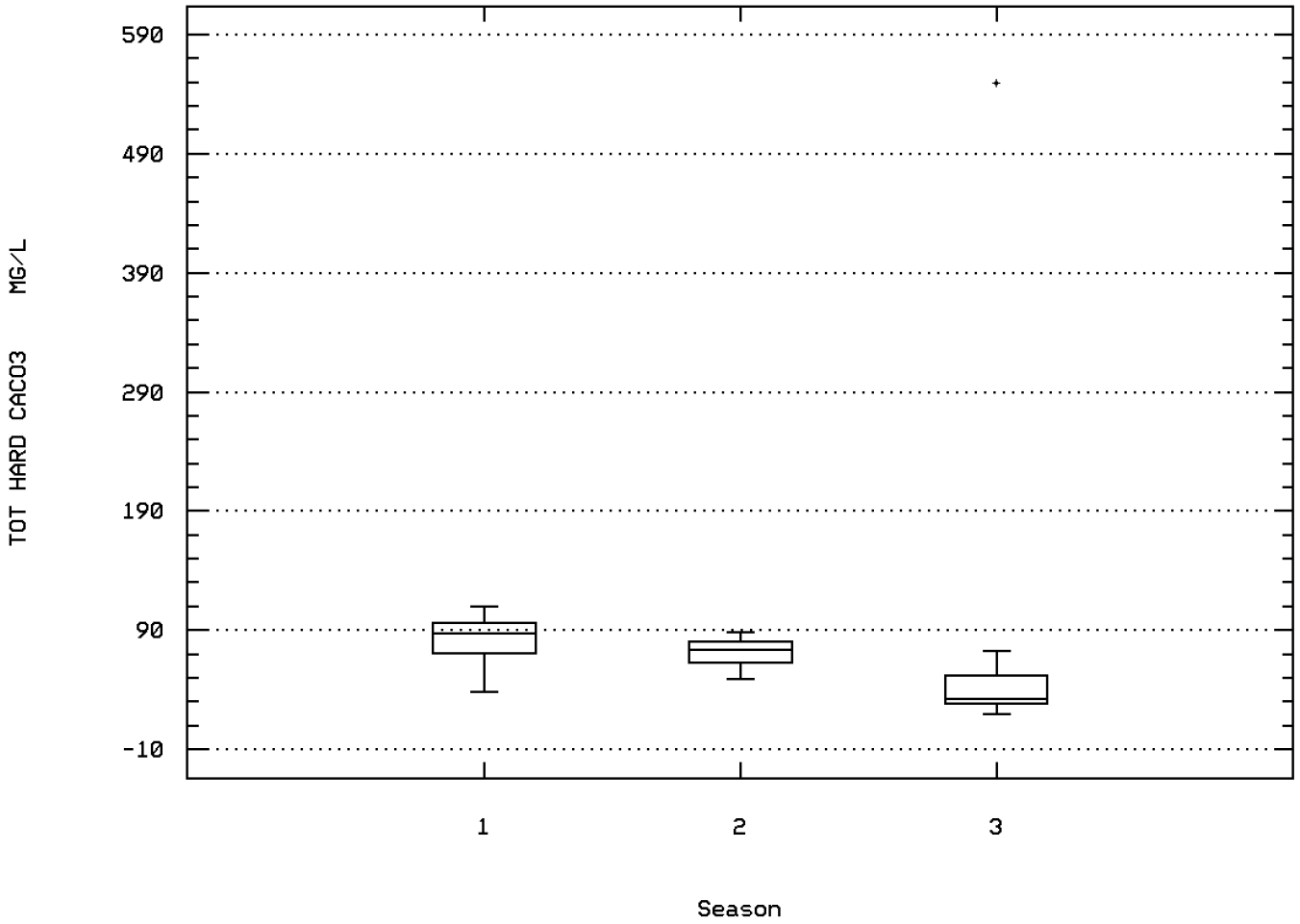
KETTLE RIVER NEAR BARSTOW



KETTLE RIVER NEAR BARSTOW

Station: CODA0185 Parameter Code: 00900

HARDNESS, TOTAL (MG/L AS CACO3)



KETTLE RIVER NEAR BARSTOW

Station Inventory for Station: CODA0186

NPS Station ID: CODA0186
LAT/LON: 48.791671/-118.158338
Agency: 10EPACOP
Date Created: 10/22/88
Location: KETTLE RIVER 1.3 MILES ABV BARSTOW
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 05K001 /60A070
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020002
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020002004
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/86-08/26/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/26/86-08/26/86	1	464.	464.	464.	464.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/86-08/26/86	1	187.	187.	187.	187.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/86-08/26/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/26/86-08/26/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/86-08/26/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/26/86-08/26/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/86-08/26/86	1	89.	89.	89.	89.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/86-08/26/86	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/86-08/26/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	08/26/86-08/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	08/26/86-08/26/86	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0186

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a 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									
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									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	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									
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

EPA Water Quality Criteria Analysis for Station: CODA0186

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	1	0	0.00	1	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	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: CODA0187

NPS Station ID: CODA0187 LAT/LON: 48.809726/-117.936115 Agency: 10EPACOP Date Created: 10/22/88
Location: LAKE ROOSEVELT AT CHINA BEND R.M. 723.8 FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /RESERV/TYPA/AMBNT/SOLIDS STORET Station ID(s): 05A019
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17020001 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020001067 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
.2 MILE OFF RIGHT BANK, JUST BEELOW CHINA BAR DIKE.

Parameter Inventory for Station: CODA0187

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: CODA0188

NPS Station ID: CODA0188
LAT/LON: 48.818337/-117.937227
Agency: 112WRD
Date Created: 01/09/93
Location: LAKE ROOSEVELT AT CHINA BEND MS
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 484900117560700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	5.	5.	5.	5.	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	256.	256.	256.	256.	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	32.6	32.6	32.6	32.6	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	2953.	2953.	2953.	2953.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	182.	182.	182.	182.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	3000.	3000.	3000.	3000.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	427.	427.	427.	427.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	22000.	22000.	22000.	22000.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	27.7	27.7	27.7	27.7	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	4100.	4100.	4100.	4100.	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	1	2.22	2.22	2.22	2.22	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	1	0.67	0.67	0.67	0.67	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/07/92-10/07/92	2	300.	300.	300.	300.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	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

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

Station Inventory for Station: CODA0189

NPS Station ID: CODA0189
LAT/LON: 48.818615/-117.935282
Agency: 112WRD
Date Created: 01/09/93
Location: LAKE ROOSEVELT AT CHINA BEND RB
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 484907117560700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0189

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)	10/07/92-10/07/92	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/07/92-10/07/92	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/07/92-10/07/92	1	530.	530.	530.	530.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/07/92-10/07/92	1	460.	460.	460.	460.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/07/92-10/07/92	1	2900.	2900.	2900.	2900.	0.	0.	**	**	**	**
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	49.	49.	49.	49.	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	24.	24.	24.	24.	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	1747.	1747.	1747.	1747.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	106.	106.	106.	106.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	551.	551.	551.	551.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	482.	482.	482.	482.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	3030.	3030.	3030.	3030.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	5.37	5.37	5.37	5.37	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/07/92-10/07/92	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/07/92-10/07/92	1	2.88	2.88	2.88	2.88	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	1	1.19	1.19	1.19	1.19	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	1	1.59	1.59	1.59	1.59	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/07/92-10/07/92	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/07/92-10/07/92	1	50.	50.	50.	50.	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/07/92-10/07/92	1	6.	6.	6.	6.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/07/92-10/07/92	1	41.	41.	41.	41.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/07/92-10/07/92	1	84.	84.	84.	84.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/07/92-10/07/92	1	98.	98.	98.	98.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/07/92-10/07/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/07/92-10/07/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/07/92-10/07/92	1	13.	13.	13.	13.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/07/92-10/07/92	1	21.	21.	21.	21.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/07/92-10/07/92	1	8.	8.	8.	8.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/07/92-10/07/92	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

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

Station Inventory for Station: CODA0190

NPS Station ID: CODA0190
LAT/LON: 48.833338/-117.833338
Agency: NITROGEN
Date Created: / /
Location: COLUMBIA AT NORTHPORT
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): WFCF10
RMI-Indexes: 1310001
Within Park Boundary: No
RMI-Miles: 0734.10
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001070
RF1 Mile Point: 0.910
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/72-06/22/72	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/22/72-06/22/72	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/22/72-06/22/72	1	114.6	114.6	114.6	114.6	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/22/72-06/22/72	1	136.1	136.1	136.1	136.1	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: CODA0190

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0191

NPS Station ID: CODA0191
LAT/LON: 48.833338/-117.833338
Agency: NITROGEN
Date Created: / /
Location: COLUMBIA AT NORTHPORT
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): WFCF11
RMI-Indexes: 1310001
Within Park Boundary: No
RMI-Miles: 0734.10
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER BASIN ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001070
RF1 Mile Point: 0.910
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/72-06/22/72	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/22/72-06/22/72	1	12.4	12.4	12.4	12.4	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/22/72-06/22/72	1	118.4	118.4	118.4	118.4	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	06/22/72-06/22/72	1	135.5	135.5	135.5	135.5	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: CODA0191

				Total	Exceed	Prop.	----------8/15-1/31----------			----------2/01-4/15----------			----------4/16-8/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	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: CODA0192

NPS Station ID: CODA0192
LAT/LON: 48.862504/-117.880559
Agency: 10EPACOP
Date Created: 10/22/88
Location: LAKE ROOSEVELT AT LITTLE DALLES R.M. 728.1
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /RESERV/TYPA/AMBNT/SOLIDS
STORET Station ID(s): 05A018
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001068
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
.1 MILE OFF LEFT BANK, JUST BELOW LITTLE DALLES.

Parameter Inventory for Station: CODA0192

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: CODA0193

NPS Station ID: CODA0193
LAT/LON: 48.866670/-117.830559
Agency: 10EPACOP
Date Created: 10/22/88
Location: ONION CREEK AT MOUTH
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 05Z026
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17020001
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER
ECO Region:
RF1 Index: 17020001069
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0193

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-08/27/86	2	8.	8.	12.1	3.9	33.62	5.798	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/14/86-08/27/86	2	9.	9.	17.	1.	128.	11.314	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/14/86-08/27/86	2	393.5	393.5	490.	297.	18624.5	136.472	**	**	**	**
00400	PH (STANDARD UNITS)	05/14/86-08/27/86	2	7.95	7.95	8.1	7.8	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/14/86-08/27/86	2	7.925	7.925	8.1	7.8	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-08/27/86	2	0.012	0.012	0.016	0.008	0.	0.006	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/14/86-08/27/86	2	5.	5.	8.	2.	18.	4.243	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/14/86-08/27/86	2	210.	210.	260.	160.	5000.	70.711	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/86-08/27/86	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/14/86-08/27/86	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/86-08/27/86	2	2.5	2.5	4.	1.	4.5	2.121	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/14/86-08/27/86	2 ##	0.375	0.375	0.5	0.25	0.031	0.177	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/14/86-08/27/86	2 ##	2.25	2.25	4.	0.5	6.125	2.475	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/14/86-08/27/86	2 ##	6.75	6.75	13.	0.5	78.125	8.839	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/14/86-08/27/86	2 ##	0.375	0.375	0.5	0.25	0.031	0.177	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/14/86-08/27/86	2 ##	2.125	2.125	4.	0.25	7.031	2.652	**	**	**	**
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/14/86-08/27/86	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CODA0193

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a 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			
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			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	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: CODA0193

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	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			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	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			
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	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: CODA0194

NPS Station ID: CODA0194
LAT/LON: 48.874726/-117.843616
Agency: 112WRD
Date Created: 01/09/93
Location: COLUMBIA RIVER NEAR ONION CREEK LB
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 485229117503700
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0194

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)	10/06/92-10/06/92	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/06/92-10/06/92	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/06/92-10/06/92	1	510.	510.	510.	510.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/06/92-10/06/92	1	330.	330.	330.	330.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/06/92-10/06/92	1	3200.	3200.	3200.	3200.	0.	0.	**	**	**	**
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	48.8	48.8	48.8	48.8	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	20.6	20.6	20.6	20.6	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	1716.	1716.	1716.	1716.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	91.8	91.8	91.8	91.8	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	541.	541.	541.	541.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	1	344.	344.	344.	344.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	1	3590.	3590.	3590.	3590.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	1	0.77	0.77	0.77	0.77	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/06/92-10/06/92	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	1	1.58	1.58	1.58	1.58	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	1	1.66	1.66	1.66	1.66	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/06/92-10/06/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/06/92-10/06/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/06/92-10/06/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/06/92-10/06/92	1	22.	22.	22.	22.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/06/92-10/06/92	1	60.	60.	60.	60.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/06/92-10/06/92	1	92.	92.	92.	92.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/06/92-10/06/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/06/92-10/06/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/06/92-10/06/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/06/92-10/06/92	1	6.	6.	6.	6.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/06/92-10/06/92	1	10.	10.	10.	10.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/06/92-10/06/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/06/92-10/06/92	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

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

Station Inventory for Station: CODA0195

NPS Station ID: CODA0195
LAT/LON: 48.878616/-117.845003
Agency: 112WRD
Date Created: 01/09/93
Location: COLUMBIA R NEAR ONION CREEK RB
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 485243117504200
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	70.3	70.3	70.3	70.3	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	19.2	19.2	19.2	19.2	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	1741.	1741.	1741.	1741.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	117.	117.	117.	117.	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	799.	799.	799.	799.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	1	296.	296.	296.	296.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	1	4546.	4546.	4546.	4546.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	1	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	1	6.86	6.86	6.86	6.86	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/06/92-10/06/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	1	2.09	2.09	2.09	2.09	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	1	1.79	1.79	1.79	1.79	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/06/92-10/06/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72103	SAMPLE LOCATION,RIGHT BANK(LOOKING DOWNSTREAM)(FT)	10/06/92-10/06/92	1	10.	10.	10.	10.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/06/92-10/06/92	1	13.	13.	13.	13.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: CODA0196

NPS Station ID: CODA0196
LAT/LON: 48.901670/-117.801116
Agency: 112WRD
Date Created: 01/09/93
Location: COLUMBIA R NEAR FIVEMILE CREEK LB
FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 485406117480400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: CODA0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
04042	ALUMINUM,BED MATERIAL,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
04043	ANTIMONY,BED MATERIAL,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	2.88	2.88	2.88	2.88	0.	0.	**	**	**	**
04044	ARSENIC,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	4.46	4.46	4.46	4.46	0.	0.	**	**	**	**
04045	BARIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	1258.	1258.	1258.	1258.	0.	0.	**	**	**	**
04049	CADMIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
04052	CHROMIUM,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	53.2	53.2	53.2	53.2	0.	0.	**	**	**	**
04054	COPPER,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	45.	45.	45.	45.	0.	0.	**	**	**	**
04058	GOLD,BED MAT,SEDIMENT,WET SIEVE	10/06/92-10/06/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
04130	LEAD, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	1	72.	72.	72.	72.	0.	0.	**	**	**	**
04131	ZINC, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	1	327.	327.	327.	327.	0.	0.	**	**	**	**
04133	MERCURY, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
04135	IRON, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
04136	MANGANESE, BED MAT,DRY WT,SEDIMENT,	10/06/92-10/06/92	1	470.	470.	470.	470.	0.	0.	**	**	**	**
30243	CARBON, ORGANIC, SEDIMENT, BOTTOM MATERIAL,PERCENT	10/06/92-10/06/92	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
30293	POTASSIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	1	2.98	2.98	2.98	2.98	0.	0.	**	**	**	**
30303	SODIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	1	2.12	2.12	2.12	2.12	0.	0.	**	**	**	**
30320	URANIUM, SEDIMENT, BOTTOM MATERIAL, PERCENT	10/06/92-10/06/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/06/92-10/06/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	10/06/92-10/06/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	10/06/92-10/06/92	1	25.	25.	25.	25.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	10/06/92-10/06/92	1	71.	71.	71.	71.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	10/06/92-10/06/92	1	97.	97.	97.	97.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	10/06/92-10/06/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	10/06/92-10/06/92	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	10/06/92-10/06/92	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80282	BED MATERIAL FALL DIAMETER, % FINER THAN .016MM	10/06/92-10/06/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
80283	BED MATERIAL FALL DIAMETER, % FINER THAN .031MM	10/06/92-10/06/92	1	6.	6.	6.	6.	0.	0.	**	**	**	**
80293	BED MATERIAL FALL DIAMETER, % FINER THAN .008MM	10/06/92-10/06/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
80294	BED MATERIAL FALL DIAMETER, % FINER THAN .002MM	10/06/92-10/06/92	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

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

Station Inventory for Station: CODA0197

NPS Station ID: CODA0197 LAT/LON: 48.902781/-117.805559 Agency: 10EPACOP Date Created: 10/22/88
Location: LAKE ROOSELVELT AT NORTHPORT R.M. 733.0 FIPS State/County: 53065 WASHINGTON/STEVENS
Station Type: /RESERV/TYPA/AMBNT/FISH/SOLIDS/TISSUE STORET Station ID(s): 05A017 /12400520
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17020001 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COLUMBIA RIVER ABOVE YAKIMA RIVER ECO Region:
RF1 Index: 17020001070 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
SEDIMENT TAKEN .2 MI OFF LEFT BANK, BTN NORTHPORT AND SQUAW CR

Parameter Inventory for Station: CODA0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/86-09/24/86	4	14.6	13.5	16.5	8.3	12.82	3.581	**	**	**	**
00019	SAMPLE WEIGHT IN GRAMS	09/25/86-09/25/86	9	1087.	1008.778	1954.	399.	278419.194	527.654	399.	477.	1341.	1954.
00060	FLOW, STREAM, MEAN DAILY CFS	05/14/86-09/24/86	4	63450.	67950.	90100.	54800.	284563333.333	16869.005	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/14/86-09/24/86	6	138.	139.167	160.	121.	269.367	16.412	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/24/86-09/24/86	2	9.55	9.55	9.6	9.5	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	05/14/86-09/24/86	4	7.3	7.225	7.5	6.8	0.096	0.31	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/14/86-09/24/86	4	7.289	7.135	7.5	6.8	0.107	0.326	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/86-09/24/86	4	0.051	0.073	0.158	0.032	0.003	0.058	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/14/86-09/24/86	6	1.5	1.5	3.	0.5	1.	1.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/14/86-09/24/86	6	79.5	77.667	88.	63.	67.467	8.214	**	**	**	**
00978	ARSENIC,TOTAL RECOVERABLE IN WATER AS AS UG/L	05/14/86-09/24/86	2	9.5	9.5	13.	6.	24.5	4.95	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/86-09/24/86	4 ##	1.25	1.75	4.	0.5	2.75	1.658	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/25/86-09/25/86	9	0.1	0.112	0.2	0.01	0.005	0.07	0.01	0.05	0.18	0.2
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/14/86-09/24/86	4	0.25	0.35	0.8	0.1	0.097	0.311	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/86-09/24/86	6 ##	0.75	0.75	1.	0.5	0.075	0.274	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/14/86-09/24/86	6 ##	0.5	0.417	0.5	0.25	0.017	0.129	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/14/86-09/24/86	6 ##	1.25	1.917	4.	0.5	2.942	1.715	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	05/14/86-09/24/86	6 ##	0.5	4.667	24.	0.5	90.067	9.49	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	05/14/86-09/24/86	6 ##	0.5	0.417	0.5	0.25	0.017	0.129	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	05/14/86-09/24/86	6 ##	0.5	0.708	2.	0.25	0.41	0.641	**	**	**	**
01360	SAMPLE LENGTH CM	09/25/86-09/25/86	9	40.4	41.356	50.3	33.	35.403	5.95	33.	35.65	46.4	50.3
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG UG/L	05/14/86-09/24/86	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/25/86-09/25/86	9	0.11	0.136	0.29	0.08	0.004	0.063	0.08	0.1	0.155	0.29
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/25/86-09/25/86	9	0.05	2.724	7.34	0.02	10.834	3.292	0.02	0.025	6.21	7.34
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/25/86-09/25/86	9	0.6	2.289	6.4	0.12	6.638	2.576	0.12	0.18	5.04	6.4
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/25/86-09/25/86	9	4.3	28.678	86.7	3.7	1021.202	31.956	3.7	3.95	55.7	86.7
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/25/86-09/25/86	9	0.01	0.15	0.43	0.005	0.031	0.177	0.005	0.005	0.315	0.43

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

EPA Water Quality Criteria Analysis for Station: CODA0197

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	0	0.00	2	0	0.00									
00400	PH	Other-Hi Lim.	9.	4	0	0.00	3	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	3	0	0.00				1	0	0.00			
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00				2	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	5.	4	0	0.00	2	0	0.00				2	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	1300.	6	0	0.00	4	0	0.00				2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	5.	6	0	0.00	4	0	0.00				2	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	6	0	0.00	4	0	0.00				2	0	0.00			
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	6	0	0.00	4	0	0.00				2	0	0.00			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	5.	6	0	0.00	4	0	0.00				2	0	0.00			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	1300.	6	0	0.00	4	0	0.00				2	0	0.00			
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Fresh Acute	2.4	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	2.	4	0	0.00	2	0	0.00				2	0	0.00			

& - 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 CODA Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1205	31	0.03	551	8	0.01	258	19	0.07	396	4	0.01			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	374	3	0.01	108	0	0.00	17	2	0.12	249	1	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	24	0	0.00	10	0	0.00				14	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1804 &	32	0.02	707	8	0.01	332	0	0.00	765	24	0.03			
00400	PH	Other-Hi Lim.	9.	1527	10	0.01	682	4	0.01	307	0	0.00	538	6	0.01			
		Other-Lo Lim.	6.5	1527	13	0.01	682	1	0.00	307	0	0.00	538	12	0.02			
00403	PH, LAB	Other-Hi Lim.	9.	92	2	0.02	45	2	0.04	4	0	0.00	43	0	0.00			
		Other-Lo Lim.	6.5	92	0	0.00	45	0	0.00	4	0	0.00	43	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	255	0	0.00	114	0	0.00	53	0	0.00	88	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	778	0	0.00	293	0	0.00	108	0	0.00	377	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	103	0	0.00	46	0	0.00	23	0	0.00	34	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1108	1	0.00	446	0	0.00	162	0	0.00	500	1	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	605	0	0.00	265	0	0.00	137	0	0.00	203	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	59	0	0.00	38	0	0.00	2	0	0.00	19	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	719	0	0.00	313	0	0.00	150	0	0.00	256	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	712	5	0.01	314	3	0.01	145	0	0.00	253	2	0.01			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	5	0	0.00				2	0	0.00	3	0	0.00			
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS A	Fresh Acute	360.	9	0	0.00	9	0	0.00									
		Drinking Water	50.	9	0	0.00	9	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	96	0	0.00	45	0	0.00	18	0	0.00	33	0	0.00			
		Drinking Water	50.	96	0	0.00	45	0	0.00	18	0	0.00	33	0	0.00			
01001	ARSENIC, SUSPENDED	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.	61	0	0.00	31	0	0.00	10	0	0.00	20	0	0.00			
		Drinking Water	50.	61	0	0.00	31	0	0.00	10	0	0.00	20	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	20	0	0.00	10	0	0.00				10	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	3	0	0.00							3	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	72	0	0.00	35	0	0.00	9	0	0.00	28	0	0.00			
		Drinking Water	5.	72	0	0.00	35	0	0.00	9	0	0.00	28	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	70	4	0.06	32	3	0.09	10	1	0.10	28	0	0.00			
		Drinking Water	5.	70	2	0.03	32	2	0.06	10	0	0.00	28	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	296	0	0.00	110	0	0.00	61	0	0.00	125	0	0.00			
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	3	0	0.00							3	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	100.	10	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	103	0	0.00	61	0	0.00	17	0	0.00	25	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	368	30	0.08	161	11	0.07	67	9	0.13	140	10	0.07			
		Drinking Water	1300.	368	0	0.00	161	0	0.00	67	0	0.00	140	0	0.00			
01041	COPPER, SUSPENDED	Fresh Acute	18.	3	0	0.00							3	0	0.00			
		Drinking Water	1300.	3	0	0.00							3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	61	5	0.08	32	1	0.03	10	1	0.10	19	3	0.16			
		Drinking Water	1300.	61	0	0.00	32	0	0.00	10	0	0.00	19	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	315	6	0.02	139	2	0.01	49	1	0.02	127	3	0.02			
		Drinking Water	5.	312 &	58	0.19	137	12	0.09	49	18	0.37	126	28	0.22			
01050	LEAD, SUSPENDED	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.	63	0	0.00	32	0	0.00	10	0	0.00	21	0	0.00			
		Drinking Water	5.	58 &	32	0.55	28	15	0.54	10	9	0.90	20	8	0.40			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	3	0	0.00							3	0	0.00			
		Drinking Water	2.	3	0	0.00							3	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	32	0	0.00	16	0	0.00	5	0	0.00	11	0	0.00			
		Drinking Water	100.	32	0	0.00	16	0	0.00	5	0	0.00	11	0	0.00			
01066	NICKEL, SUSPENDED	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.	17	0	0.00	7	0	0.00	2	0	0.00	8	0	0.00			
		Drinking Water	100.	17	0	0.00	7	0	0.00	2	0	0.00	8	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	50.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	17	0	0.00	7	0	0.00	2	0	0.00	8	0	0.00			
		Drinking Water	50.	17	0	0.00	7	0	0.00	2	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

EPA Water Quality Criteria Analysis for Entire CODA Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	8/15-1/31 Obs	8/15-1/31 Exceed	8/15-1/31 Prop.	2/01-4/15 Obs	2/01-4/15 Exceed	2/01-4/15 Prop.	4/16-8/14 Obs	4/16-8/14 Exceed	4/16-8/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01090	ZINC, DISSOLVED	Fresh Acute	120.	362	13	0.04	155	3	0.02	66	8	0.12	141	2	0.01			
01091	ZINC, SUSPENDED	Fresh Acute	120.	3	1	0.33							3	1	0.33			
01092	ZINC, TOTAL	Fresh Acute	120.	76	13	0.17	33	2	0.06	12	7	0.58	31	4	0.13			
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	36	0	0.00	19	0	0.00	3	0	0.00	14	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	10.	13	0	0.00	6	0	0.00	2	0	0.00	5	0	0.00			
01097	ANTIMONY, TOTAL	Fresh Acute	88.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	10.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	5	0	0.00				1	0	0.00	4	0	0.00			
		Drinking Water	5.	5	0	0.00				1	0	0.00	4	0	0.00			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	33	0	0.00	19	0	0.00				14	0	0.00			
		Drinking Water	5.	33	0	0.00	19	0	0.00				14	0	0.00			
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	2	0	0.00							2	0	0.00			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	34	0	0.00	19	0	0.00				15	0	0.00			
		Drinking Water	1300.	34	0	0.00	19	0	0.00				15	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	34	0	0.00	16	0	0.00	5	0	0.00	13	0	0.00			
		Drinking Water	50.	34	0	0.00	16	0	0.00	5	0	0.00	13	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	38	0	0.00	15	0	0.00	9	0	0.00	14	0	0.00			
		Drinking Water	50.	38	0	0.00	15	0	0.00	9	0	0.00	14	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	17	17	1.00	9	9	1.00	2	2	1.00	6	6	1.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	178	13	0.07	63	4	0.06	53	4	0.08	62	5	0.08			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	103	24	0.23	48	11	0.23	21	3	0.14	34	10	0.29			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	156	35	0.22	62	14	0.23	35	8	0.23	59	13	0.22			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	846	16	0.02	300	4	0.01	146	4	0.03	400	8	0.02			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	34	2	0.06	16	0	0.00	8	0	0.00	10	2	0.20			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	3	0	0.00				3	0	0.00						
		Drinking Water	5.	3	0	0.00				3	0	0.00						
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	3	0	0.00				3	0	0.00						
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	3	0	0.00				3	0	0.00						
		Drinking Water	5.	3	0	0.00				3	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	7	0	0.00	5	0	0.00				2	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	7	0	0.00	5	0	0.00				2	0	0.00			
		Drinking Water	0.2	7	0	0.00	5	0	0.00				2	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	7	0	0.00	5	0	0.00				2	0	0.00			
		Drinking Water	2.	7	0	0.00	5	0	0.00				2	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	7	0	0.00	5	0	0.00				2	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	7	0	0.00	5	0	0.00				2	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	7	0	0.00	5	0	0.00				2	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	7	0	0.00	5	0	0.00				2	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	7	0	0.00	5	0	0.00				2	0	0.00			
		Drinking Water	0.2	7	0	0.00	5	0	0.00				2	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	7	0	0.00	5	0	0.00				2	0	0.00			
		Drinking Water	3.	7	0	0.00	5	0	0.00				2	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	7	0	0.00	5	0	0.00				2	0	0.00			
		Drinking Water	0.4	7	0	0.00	5	0	0.00				2	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	7	0	0.00	5	0	0.00				2	0	0.00			
		Drinking Water	0.2	7	0	0.00	5	0	0.00				2	0	0.00			
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	7	0	0.00	5	0	0.00				2	0	0.00			
		Drinking Water	0.2	7	0	0.00	5	0	0.00				2	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	162	0	0.00	81	0	0.00	27	0	0.00	54	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	21	0	0.00	18	0	0.00				3	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	15	0	0.00	8	0	0.00	3	0	0.00	4	0	0.00			
		Drinking Water	2.	15	0	0.00	8	0	0.00	3	0	0.00	4	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	283	8	0.03	121	2	0.02	51	1	0.02	111	5	0.05			
		Drinking Water	2.	283	13	0.05	121	2	0.02	51	6	0.12	111	5	0.05			
71901	MERCURY,TOTAL RECOVERABLE IN WATER AS HG	Fresh Acute	2.4	27	0	0.00	9	0	0.00	3	0	0.00	15	0	0.00			
		Drinking Water	2.	27	0	0.00	9	0	0.00	3	0	0.00	15	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	219	0	0.00	96	0	0.00	48	0	0.00	75	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

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 CODA 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 CODA Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	412	1	82	329	49
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	24	0	24	0	10
00440	BICARBONATE ION (MG/L AS HCO3)	676	0	62	614	33
00445	CARBONATE ION (MG/L AS CO3)	282	0	12	270	31
		1394	1	180	1213	123 (60)[!]

pH		Total Obs.	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	1529	313	568	648	49
00403	PH, LAB (STANDARD UNITS)	92	38	50	4	22
		1621	351	618	652	71 (69)[!]

Conductivity		Total Obs.	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	94	30	60	4	30
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1895	285	636	974	47
		1989	315	696	978	77 (76)[!]

Dissolved Oxygen		Total Obs.	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	24	0	24	0	10
00300	OXYGEN, DISSOLVED (MG/L)	1806	294	818	694	71
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	824	276	310	238	50
		2654	570	1152	932	131 (81)[!]

Water Temperature		Total Obs.	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	2271	310	958	1003	115
		2271	310	958	1003	115(115)[!]

Flow		Total Obs.	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00060	FLOW, STREAM, MEAN DAILY CFS	1146	252	365	529	29
00061	FLOW, STREAM, INSTANTANEOUS CFS	682	9	248	425	48
00065	STAGE, STREAM (FEET)	3	0	3	0	2
		1831	261	616	954	79 (70)[!]

[!]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 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1205	49	562	594	44
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	374	0	374	0	20
00077	TRANSPARENCY, SECCHI DISC (INCHES)	122	0	3	119	9
00078	TRANSPARENCY, SECCHI DISC (METERS)	91	0	91	0	6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	762	301	461	0	27
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	219	219	0	0	5
		2773	569	1491	713	111 (77)[1]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	24	0	24	0	2
00602	NITROGEN, DISSOLVED (MG/L AS N)	3	2	0	1	1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	124	0	32	92	26
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	2	1	0	1	1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	13	6	6	1	1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	1571	287	979	305	63
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	103	0	0	103	16
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	1108	89	548	471	48
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	14	7	6	1	1
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	462	30	133	299	60
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	606	168	432	6	11
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	59	37	21	1	6
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	48	0	48	0	4
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	2	1	0	1	1
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	1	0	0	1	1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	162	0	0	162	16
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	21	0	0	21	14
		4323	628	2229	1466	272 (67)[1]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	77	0	7	70	5
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	403	0	213	190	31
00665	PHOSPHORUS, TOTAL (MG/L AS P)	1599	282	974	343	63
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	102	0	0	102	9
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	1533	292	939	302	50
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	146	0	27	119	23
		3860	574	2160	1126	181 (67)[1]

Chlorophyll		Total Obs.	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	5	0	5	0	1
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	3	0	3	0	1
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	3	0	3	0	2
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	2	0	2	0	2
		13	0	13	0	6 (4)[1]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	716	41	58	617	49
00945	SULFATE, TOTAL (MG/L AS SO4)	712	8	96	608	45
00946	SULFATE, DISSOLVED (MG/L AS SO4)	5	0	5	0	1
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	526	8	42	476	24
		1959	57	201	1701	119 (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.

Bacteria		Total Obs.	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	178	0	68	110	30
31503	COLIFORM, TOT, MEMBRANE FILTER,DELAY,M-ENDOMED,35C	8	0	8	0	2
31504	COLIFORM, TOT, MEMBRANE FILTER, IMME,L-ENDAGAR,35C	283	0	59	224	13
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	103	0	0	103	3
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	156	0	0	156	4
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	969	272	563	134	38
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	34	0	34	0	2
		1731	272	732	727	92 (50)[1]

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

Toxic Elements		Total Obs.	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	13	7	6	0	1
01097	ANTIMONY, TOTAL (UG/L AS SB)	8	0	6	2	5
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	29	29	0	0	14
01000	ARSENIC, DISSOLVED (UG/L AS AS)	105	36	9	60	20
01001	ARSENIC, SUSPENDED (UG/L AS AS)	3	3	0	0	1
01002	ARSENIC, TOTAL (UG/L AS AS)	61	8	31	22	18
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	13	7	6	0	1
01012	BERYLLIUM, TOTAL (UG/L AS BE)	3	0	3	0	3
01025	CADMIUM, DISSOLVED (UG/L AS CD)	82	38	24	20	18
01027	CADMIUM, TOTAL (UG/L AS CD)	70	8	38	24	18
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	37	37	0	0	15
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	296	7	74	215	30
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	3	3	0	0	1
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10	0	0	10	2
01034	CHROMIUM, TOTAL (UG/L AS CR)	103	7	31	65	24
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7	7	0	0	1
01040	COPPER, DISSOLVED (UG/L AS CU)	368	37	72	259	44
01041	COPPER, SUSPENDED (UG/L AS CU)	3	3	0	0	1
01042	COPPER, TOTAL (UG/L AS CU)	64	11	31	22	19
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	37	37	0	0	15
01049	LEAD, DISSOLVED (UG/L AS PB)	315	37	72	206	44
01050	LEAD, SUSPENDED (UG/L AS PB)	3	3	0	0	1
01051	LEAD, TOTAL (UG/L AS PB)	63	8	31	24	17
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	37	37	0	0	15
71890	MERCURY, DISSOLVED (UG/L AS HG)	15	6	6	3	2
71900	MERCURY, TOTAL (UG/L AS HG)	283	7	67	209	36
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	37	37	0	0	15
01065	NICKEL, DISSOLVED (UG/L AS NI)	32	8	24	0	3
01066	NICKEL, SUSPENDED (UG/L AS NI)	3	3	0	0	1
01067	NICKEL, TOTAL (UG/L AS NI)	17	7	10	0	5
01145	SELENIUM, DISSOLVED (UG/L AS SE)	34	7	9	18	2
01147	SELENIUM, TOTAL (UG/L AS SE)	38	7	9	22	5
01075	SILVER, DISSOLVED (UG/L AS AG)	13	7	6	0	1
01077	SILVER, TOTAL (UG/L AS AG)	17	7	10	0	5
01059	THALLIUM, TOTAL (UG/L AS TL)	3	0	3	0	3
01090	ZINC, DISSOLVED (UG/L AS ZN)	362	37	73	252	44
01091	ZINC, SUSPENDED (UG/L ZN)	3	3	0	0	1
01092	ZINC, TOTAL (UG/L AS ZN)	77	15	39	23	19
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	37	37	0	0	15
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	3	0	3	0	3
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	3	0	3	0	3
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	3	0	3	0	3
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	4	0	0	4	1
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	4	0	0	4	1
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	7	0	0	7	1
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	7	0	0	7	1
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1

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

	Toxic Elements - Continued ...	Total Obs.	01/01/85 to 10/16/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	3	0	0	3	1
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	7	0	0	7	1
		2808	558	699	1551	509 (64)[1]

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

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Park Summary: Level I Group Currentness and Distribution

Parameter Group	Total Obs.	Obs. Since 1985	% Obs. Since 1985	Stations Measuring This Group	% of Total Stations Measuring This Group	Obs. Per Station Measuring This Group	Period of Record For This Group	Observations Per Year of Period of Record
Alkalinity	1394	1	0.1	60	31.7	23.2	12/11/48-09/08/88	35.1
pH	1621	351	21.7	69	36.5	23.5	12/11/48-09/10/92	37.1
Conductivity	1989	315	15.8	76	40.2	26.2	12/11/48-09/10/92	45.5
Dissolved Oxygen	2654	570	21.5	81	42.9	32.8	07/27/60-09/10/92	82.6
Water Temperature	2271	310	13.7	115	60.8	19.7	07/27/60-09/10/92	70.7
Flow	1831	261	14.3	70	37.0	26.2	12/11/48-08/14/91	42.9
Clarity/Turbidity	2773	569	20.5	77	40.7	36.0	11/21/61-09/10/92	90.0
Nitrate/Nitrogen	4323	628	14.5	67	35.4	64.5	05/20/05-09/10/92	49.5
Phosphate/Phosphorus	3860	574	14.9	67	35.4	57.6	07/27/60-09/10/92	120.2
Chlorophyll	13	0	0.0	4	2.1	3.3	04/03/75-09/26/79	2.9
Sulfates/Total Dissolved Solids/Hardness	1959	57	2.9	65	34.4	30.1	12/11/48-09/04/91	45.8
Bacteria	1731	272	15.7	50	26.5	34.6	07/27/60-09/10/92	53.9
Toxic Elements	2808	558	19.9	64	33.9	43.9	09/29/60-08/07/91	91.0

Water Quality Observations
Outside STORET Edit Criteria for CODA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CODA0008	71900	MERCURY, TOTAL (UG/L AS HG)	730626	1130	12.0000000	1119C050	543106	x
CODA0063	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	720404	1715	52.0000000	NITROGEN	SMGCR4	x
CODA0070	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	720111	1530	39.0000000	112WRD	12436500	x

APPENDICES

Appendix A

Computer Files Transmitted With

Park Baseline Water Quality Data Inventory and Analysis

Computer disk(s) accompanying this report include up to seven (depending on the presence or absence of certain data elements) compressed (ZIP) files containing digital copies of nearly all the tables, figures, and other materials used to produce this report. To decompress these files, you must use the commonly available shareware program PKUNZIP. The command to type at the DOS prompt is:

PKUNZIP -E *COMPRESS.ZIP FILENAME.EXT*

where COMPRESS.ZIP is the name of one of the seven compressed (ZIP) files listed below and FILENAME.EXT is the name of the file you wish to extract. If you want to decompress all of the files in COMPRESS.ZIP, simply omit the FILENAME.EXT. To obtain a listing of all the files compressed into a particular ZIP file, type the following:

PKUNZIP -V *COMPRESS.ZIP* |MORE

where COMPRESS.ZIP is the name of one of the seven compressed ZIP files listed below. If a ZIP file spans multiple disks, use the last disk of the series (span) when obtaining a listing of all the files compressed into a particular ZIP file. Once you see the file you wish to obtain, substitute this file name for FILENAME.EXT in the first command line above to extract and decompress this particular file.

Included on one of the disk(s) accompanying this report is a program named PRINTZIP. This program will decompress ZIP files which don't span multiple disks and print certain files to a Hewlett-Packard (or compatible) Laser Printer. To use PRINTZIP, however, you must still have a copy of PKUNZIP in a directory listed in your path or in the same directory as the PRINTZIP program. PRINTZIP provides an easy, menu-driven interface for using PKUNZIP to decompress files and then send them to the printer. PRINTZIP allows you to send individual files, groups of files, or all files to the printer. PRINTZIP will not work with ZIP files that span multiple disks.

The following compressed (ZIP) files are included on the disk(s) accompanying this report:

(1) CODATABS.ZIP

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

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

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

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

(d) CODAOV0.DOC - Overview of park and retrieved data.

(e) CODAOV1.DOC - Station period of record table.

(f) CODAOV2.DOC - Parameter period of record table.

(g) CODAOV3.DOC - Station/parameter period of record table.

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

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

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

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

(l) CODABAD.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 CODAOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\CODAOV1.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) CODAFIGS.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 CODA0001. 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 CODA0001) 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) CODAPARM.ZIP

This file compresses CODAPARM.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) CODASITE.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) CODAWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

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

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

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

(e) CODADAMS.DBF - All water impoundments within the project's study area downloaded from the DAMS database. (Not implemented in CODA 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) CODAMISC.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) CODAEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

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

(f) CODAWQ - 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 (CODAWQA, CODAWQB,

CODAWQC, etc.) and the index map name will end with an ampersand (&).

(g) CODAIDG - 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 (CODAIDGA, CODAIDGB, CODAIDGC, 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) CODASEHY - 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 CODAFIGS.ZIP and CODATABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in CODAMISC.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) CODARF3.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) CODAWQMW.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: CODAPARM.DBF in CODAPARM.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: CODAPARM.DBF in CODAPARM.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: CODAPARM.DBF in CODAPARM.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: CODAWQ.DBF in CODASITE.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: CODAWQ.DBF in CODASITE.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: CODAIFD.DBF in CODASITE.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: CODAIFD.DBF in CODASITE.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: CODAIFD.DBF in CODASITE.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: CODADRIN.DBF in CODASITE.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: CODADRIN.DBF in CODASITE.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: CODADRIN.DBF in CODASITE.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: CODAGAGE.DBF in CODASITE.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: CODAGAGE.DBF in CODASITE.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: CODADAMS.DBF in CODASITE.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: CODADAMS.DBF in CODASITE.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: CODADAMS.DBF in CODASITE.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: CODADAMS.DBF in CODASITE.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 CODARF3.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 CODARF3.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 CODARF3.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 CODARF3.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 CODARF3.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 CODARF3.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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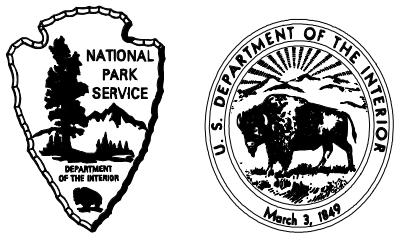
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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, 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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