Baseline Water Quality Data

Inventory and Analysis

Yosemite National Park



Water Resources Division and Servicewide Inventory and Monitoring Program

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NATIONAL PARK SERVICE

National Park Service - Department of the Interior
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BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

YOSEMITE NATIONAL PARK

National Park Service
Water Resources Division
Fort Collins, CO 80525

Technical Report NPS/NRWRD/NRTR-94/30

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EXECUTIVE SUMMARY

This document presents the results of surface-water-quality data retrievals for Yosemite National Park (YOSE) 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 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 YOSE study area from the IFD, DRINKS, and GAGES databases located no industrial dischargers, 2 drinking water intakes, and 24 active or inactive U. S. Geological Survey or National Weather Service gaging stations. The results of the STORET retrieval for the study area yielded 21,651 observations for 262 separate water quality parameters collected by 4 federal and state government agencies at 123 water quality stations. One-hundred-nine of the stations yielded data collected within the park boundary. Most of the sampling stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Ten stations within the study area yielded longer-term records consisting of multiple observations for several important water quality parameters. Nine stations yielding longer-term records within the park are: (1) Merced River at Rancheria Flat Near El Portal (YOSE 0018); (2) Merced River Below El Portal (YOSE 0019); (3) Merced River at Junction Big Oak Flat Road and 140 (YOSE 0033); (4) Merced River at Big Oak Flat Near El Portal (YOSE 0038); (5) Merced River at Happy Isles Bridge Near Yosemite (YOSE 0047); (6) Merced River at Happy Isles Bridge (YOSE 0048); (7) Merced Lake (YOSE 0055); (8) South Fork Tuolumne River at Carlton Guard Station (YOSE 0071); and (9) Tuolumne River at Tuolumne Meadows (YOSE 0086). One station yielding longer-term records within the study area, but outside of the park boundary is: (1) Summit Lake (YOSE 0117)[†].

Screening criteria consisting of published EPA water-quality criteria and instantaneous concentration values selected by the WRD were used to identify potential water quality problems within the study area. While the criteria represent important threshold concentrations of pollutants, it is important to remember that criteria may have been exceeded due to any number of natural or anthropogenic factors, including errors in field, laboratory, and/or recording procedures. The reader is advised to read the Introduction for additional caveats in interpreting the exceeded criteria in this report. The results of the YOSE water quality criteria screen found 12 parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, cyanide, cadmium, copper, lead, zinc, selenium, and mercury exceeded their respective EPA acute or chronic criteria for the protection of freshwater aquatic life. Nitrite, nitrate, cadmium, lead and mercury exceeded their respective EPA drinking water criteria. Alkalinity was below the threshold used by the NPS Air Quality Division for determining potential sensitivity to acid deposition (buffering capacity).

Dissolved oxygen concentrations were measured 694 times at 75 monitoring stations throughout the study area from 1968 through 1993. Seventeen observations at 5 monitoring stations were below the 4 milligrams per liter (mg/L) EPA criterion for the protection of freshwater aquatic life. The criterion was exceeded in Washburn Lake

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

(YOSE 0031), Merced Lake (YOSE 0052, YOSE 0055), Lower Cathedral Lake (YOSE 0081), and Summit Lake (YOSE 0117).

The pH was measured 973 times at 107 monitoring stations throughout the study area from 1968 through 1991. Two-hundred-seven observations at 58 monitoring stations were less than or equal to pH 6.5 standard units. The criterion was exceeded in creeks, rivers, and lakes throughout the study area.

Total alkalinity was determined by low-level (less than 10 mg/L as $CaCO_3$) gran analysis 11 times at 11 lake monitoring stations in 1985 (YOSE 0002, YOSE 0008, YOSE 0025, YOSE 0065, YOSE 0082, YOSE 0104, YOSE 0114, YOSE 0118, YOSE 0120, YOSE 0121, YOSE 0123). All observations were below 200 µeq/L indicating sensitivity to acid deposition.

Nitrite concentrations (including total and dissolved as N) were measured 130 times at 13 monitoring stations from 1973 through 1992. One dissolved concentration reported in effluent from a treatment plant near Yosemite Village (YOSE 0036) exceeded the drinking water criterion of 1 mg/L. Nitrite concentrations (dissolved as NO_2) were measured 26 times at 4 stations in 1973 and 1974. One observation at station YOSE 0036 exceeded the drinking water criterion of 3.3 mg/L.

Nitrate concentrations (including total and dissolved as N) were measured 213 times at 28 monitoring stations from 1970 through 1991. Five observations (4 dissolved and 1 total concentration) reported in treatment plant effluent (YOSE 0035, YOSE 0036) exceeded the drinking water criterion of 10 mg/L. Nitrate concentrations (dissolved as NO_3) were measured 111 times at 22 stations from 1968 through 1985. Three observations at station YOSE 0036 exceeded the drinking water criterion of 44 mg/L.

Nitrite plus nitrate concentrations (including total and dissolved as N) were measured 481 times at 82 monitoring stations from 1971 through 1992. Eleven observations (7 dissolved and 4 total concentrations) exceeded the drinking water criterion of 10 mg/L in samples from treatment plant effluent (YOSE 0035, YOSE 0036).

Total cyanide concentrations were measured 15 times in the Merced River at Happy Isles Bridge (YOSE 0047) from 1974 through 1982. Two observations exceeded the acute freshwater criterion of 0.022 mg/L.

Cadmium concentrations (including dissolved, suspended and total cadmium) were measured 201 times at 11 monitoring stations from 1973 through 1991. Of the cadmium observations used in the criteria analysis (see Introduction for explanation), the total cadmium concentration exceeded the acute freshwater criterion of 3.9 µg/L and the drinking water criterion of 5.0 µg/L 20 times at 3 stations in the Merced River (YOSE 0019, YOSE 0037, YOSE 0048).

Copper concentrations (including dissolved, suspended and total copper) were measured 87 times at 7 monitoring stations from 1974 through 1991. The total copper concentration exceeded the acute freshwater criterion of 18 µg/L once in the Merced River (YOSE 0047).

Lead concentrations (including dissolved, suspended and total lead) were measured 202 times at 11 monitoring stations from 1973 through 1991. Of the lead observations used in the criteria analysis (see Introduction for explanation), the dissolved and total lead concentrations exceeded the proposed drinking water criterion of 5 µg/L 8 and 24 times, respectively. Total lead concentrations exceeded the acute freshwater criterion of 82 µg/L 21 times. The criteria were exceeded in the Merced River (YOSE 0018, YOSE 0019, YOSE 0037, YOSE 0040, YOSE 0047, YOSE 0048), and the Tuolumne River (YOSE 0086).

Zinc concentrations (including dissolved, suspended and total zinc) were measured 198 times at 11 monitoring stations from 1973 through 1991. The total zinc concentration exceeded the acute freshwater criterion of 120 µg/L 4 times in 1973 and 1974 at 2 stations in the Merced River at El Capitan Bridge (YOSE 0037, YOSE 0040).

Selenium concentrations (including dissolved, suspended and total selenium) were measured 79 times at 3 monitoring stations from 1974 through 1992. Dissolved selenium concentrations exceeded the acute freshwater criterion of 20 µg/L 3 times at 2 stations in the Merced and Tuolumne rivers (YOSE 0048, YOSE 0086).

Mercury concentrations (including dissolved, suspended and total mercury) were measured 260 times at 20 monitoring stations from 1971 through 1991. The acute freshwater criterion of 2.4 µg/L and the drinking water criterion of 2.0 µg/L were exceeded 12 and 14 times, respectively, at 4 stations in the Merced River (YOSE 0032, YOSE 0037, YOSE 0040, YOSE 0048).

The IDEA conducted for YOSE indicates that STORET data exist for all Level I parameter groups in the study area. Sufficient quantities of data were retrieved for most of the required chemical parameters. Much of the data were collected before 1985. Results for 23 of the 127 EPA priority toxic pollutants (including inorganics and pesticides) were retrieved from STORET. The pesticide data were from a single station (YOSE 0047).

Surface water resources in the YOSE study area include the Merced and Tuolumne rivers, and numerous lakes and creeks. Based on the data inventories and analyses contained in this report, surface waters within the area generally appear to be of good quality, with indications of some impacts from human activities. Potential sources of contaminants include road networks, parking lots, bridges, campsites, fuel storage facilities, and wastewater discharges. In addition, lower pH levels, whether natural or anthropogenic, may have mobilized trace elements in the larger rivers.

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INTRODUCTION

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

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

Goal

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

Purpose

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

Objectives

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

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

2. Develop a complete inventory of all retrieved data;

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

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

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

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

Document Overview

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

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

Caveats

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

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

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

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

Key Personnel

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

National Park Service, Water Resources Division:

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

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

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

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

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

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

Jacquie Nolan designed the cover and provided publications support.

Horizon Systems:

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

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

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

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

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

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

Other National Park Service:

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

METHODOLOGY

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

Delineation of Park Study Area

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

Data Sources

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

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

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

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

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

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

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

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

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

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

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

Data Retrieval and Analysis Procedures

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

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

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

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

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

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

Park Unit Databases

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

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

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

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

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

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

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

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

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

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

Screening Methodologies and Procedures

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

STORET Edit Criteria

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

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

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

Date Screen

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

Station Type Screen

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

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

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

Phase 0 Parameter Screen

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

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

Phase 1 Parameter Screen

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

Media Type Screen

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

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

Remark Code Screen

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

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

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

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

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

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

Composite Type Screen

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

Table D. Possible STORET Composite Type Codes

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

Phase 2 Parameter Screen

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

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

Observations/Period of Record Screen

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

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

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

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

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

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

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

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

Statistical Definitions

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

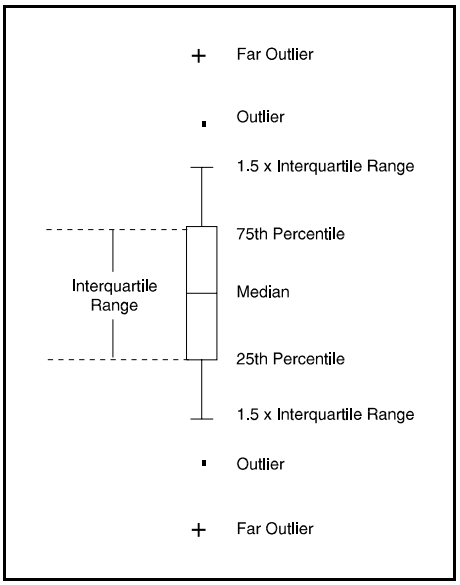
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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

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

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

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



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

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

Overview

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

Regional Location Map

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

Water Quality Monitoring Locations Map(s)

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

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

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

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

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

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

Representative Mean Annual Hydrograph for Seasonal Analysis

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

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

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

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

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

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

Contacts for Agency Codes Retrieved

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

Quantity of Data Retrieved by Agency Code

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

Station Period of Record Tabulation

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

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

Parameter Period of Record Tabulation

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

Station/Parameter Period of Record Tabulation

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

Station-By-Station Results

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

Station Inventory for Station

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

Parameter Inventory for Station

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

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

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

EPA Water Quality Criteria Analysis for Station

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

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

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

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

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

Time Series Plots for Station

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

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

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

Annual Analysis for Station

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

Annual Box-and-Whiskers Plots for Station

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

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

Seasonal Analysis for Station

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

Seasonal Box-and-Whiskers Plots for Station

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

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

EPA Water Quality Criteria Analysis for Entire Park Study Area

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

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

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

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

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

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

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

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

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

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

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

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

Water Quality Observations Outside STORET Edit Criteria for Park

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

WATER QUALITY RESULTS

OVERVIEW FOR YOSE[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:	833024	749120
# STORET Stations:	123	109
# Stations With No Data:	3	3
# Stations With No Stat. Analysis:	1	0
# Longer Term Stations:	10	9
Date of STORET Retrieval:	08/10/93	08/10/93
Period of Record:	01/01/01-05/26/93	01/01/01-05/26/93
# Parameters Measured:	262	257
# Water Quality Observations:	21651	21082
# Industrial/Municipal Facilities:	0	0
# Drinking Water Intakes:	2	0
# Water Gages:	24	19
# Water Impoundments:	6	3
# Total Plots:	104	104
# Time Series:	30	30
# Annual:	32	32
# Seasonal:	42	42

Hydrologic Definition of Seasons:

1. September 1 - October 15
2. October 16 - March 15
3. March 16 - May 31
4. June 1 - August 31

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 2 years and at least 8 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 4 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:

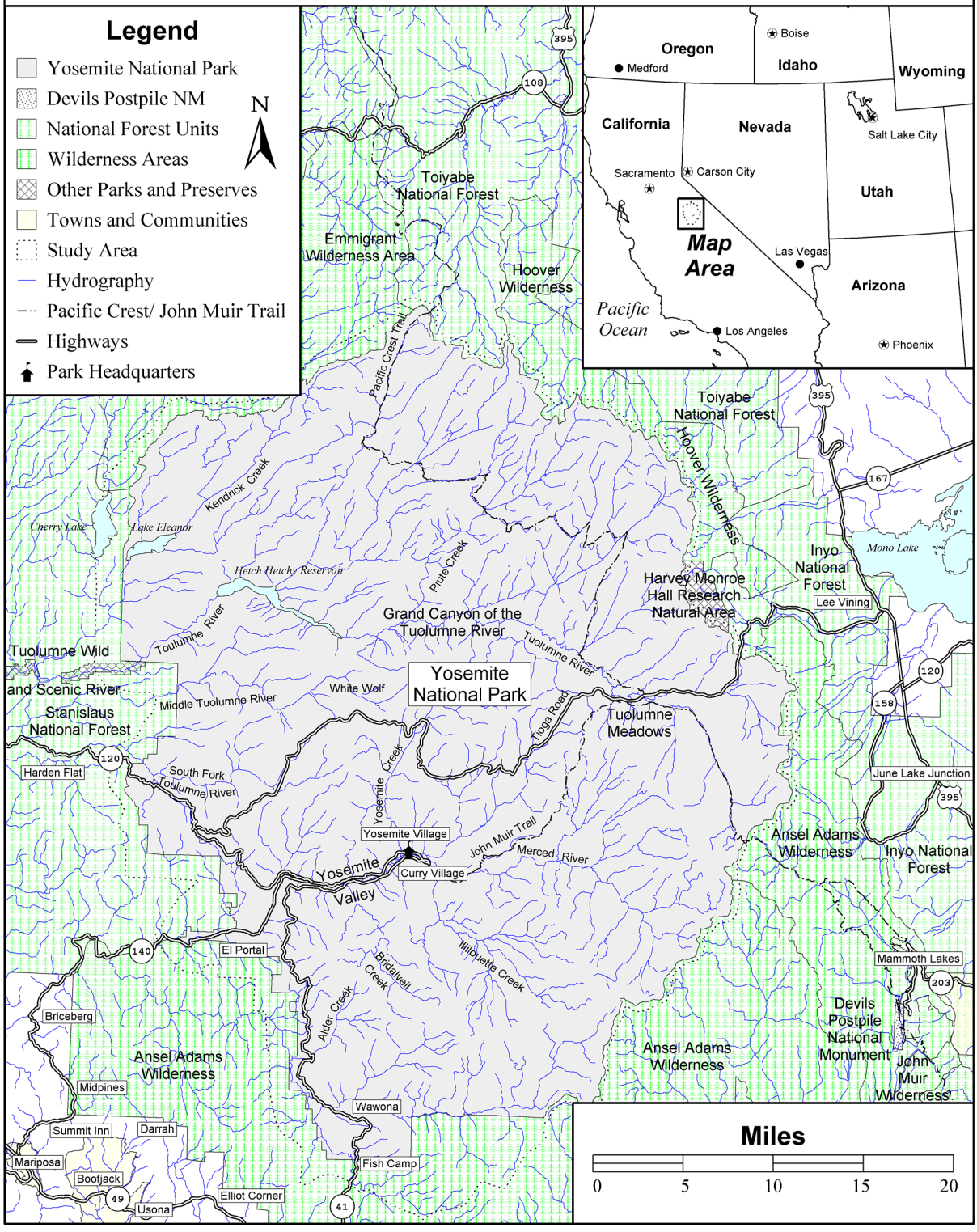
To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years.

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).

Yosemite National Park

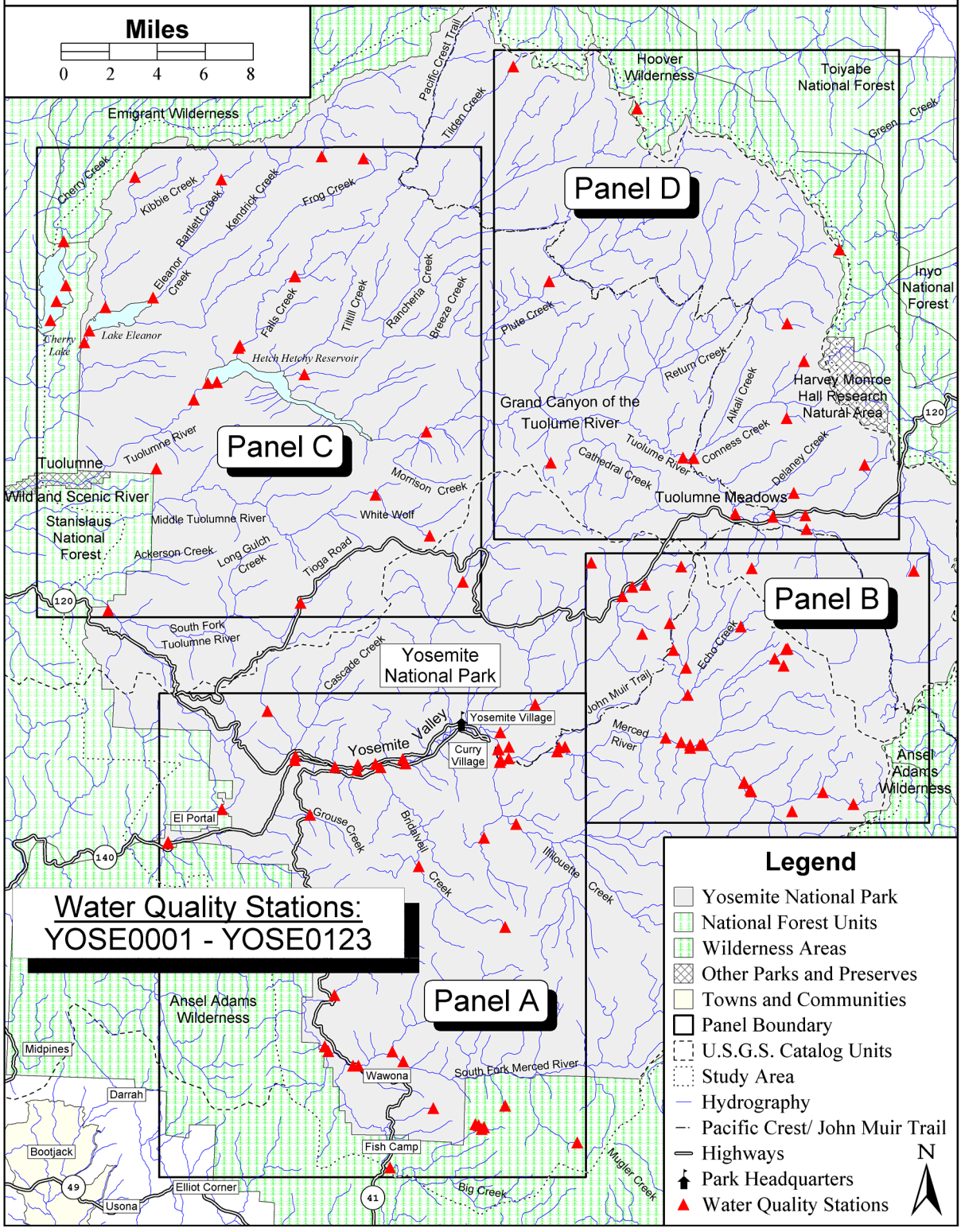
Regional Location Map



Yosemite National Park

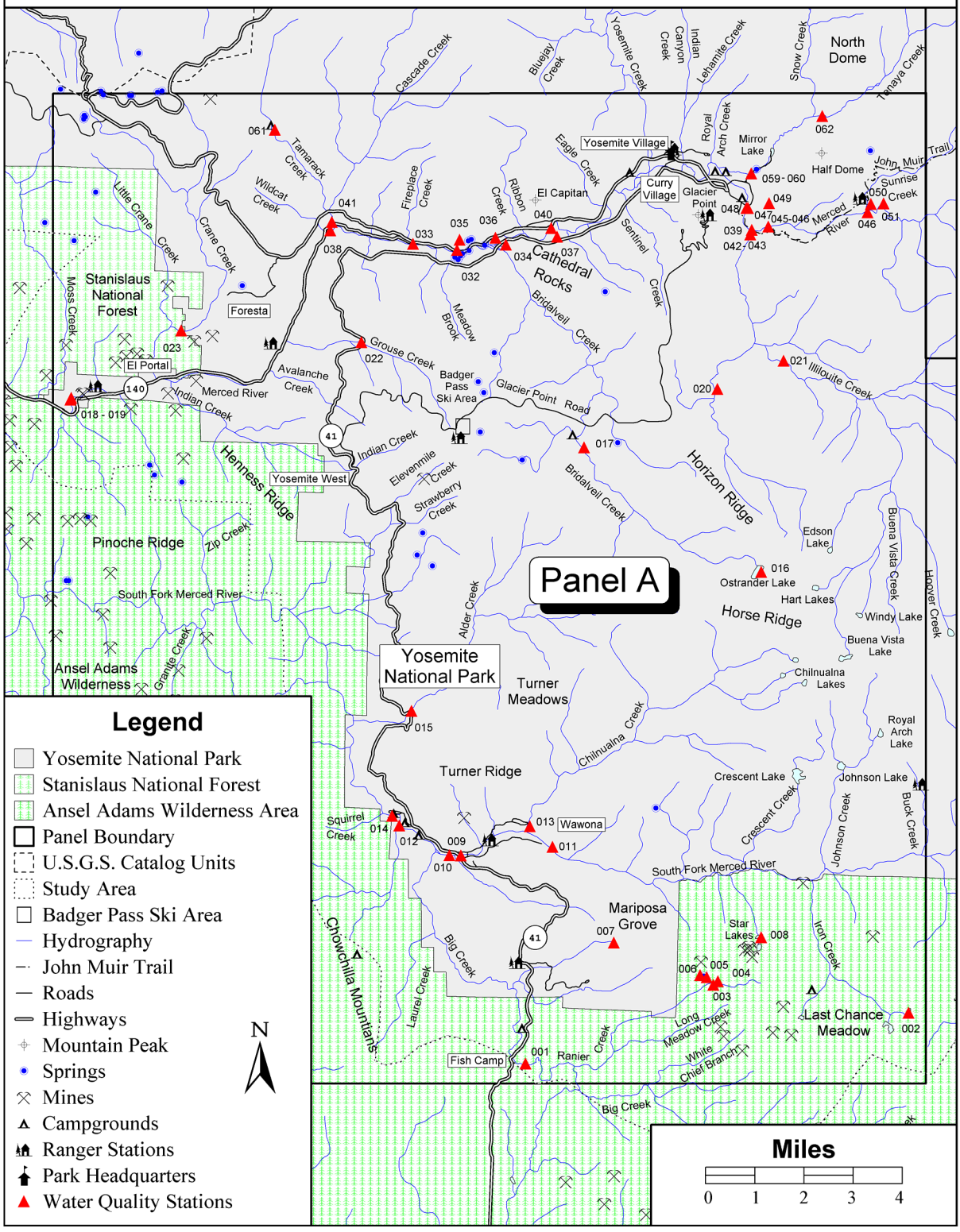
Water Quality Monitoring Locations

Graphic Panel Index



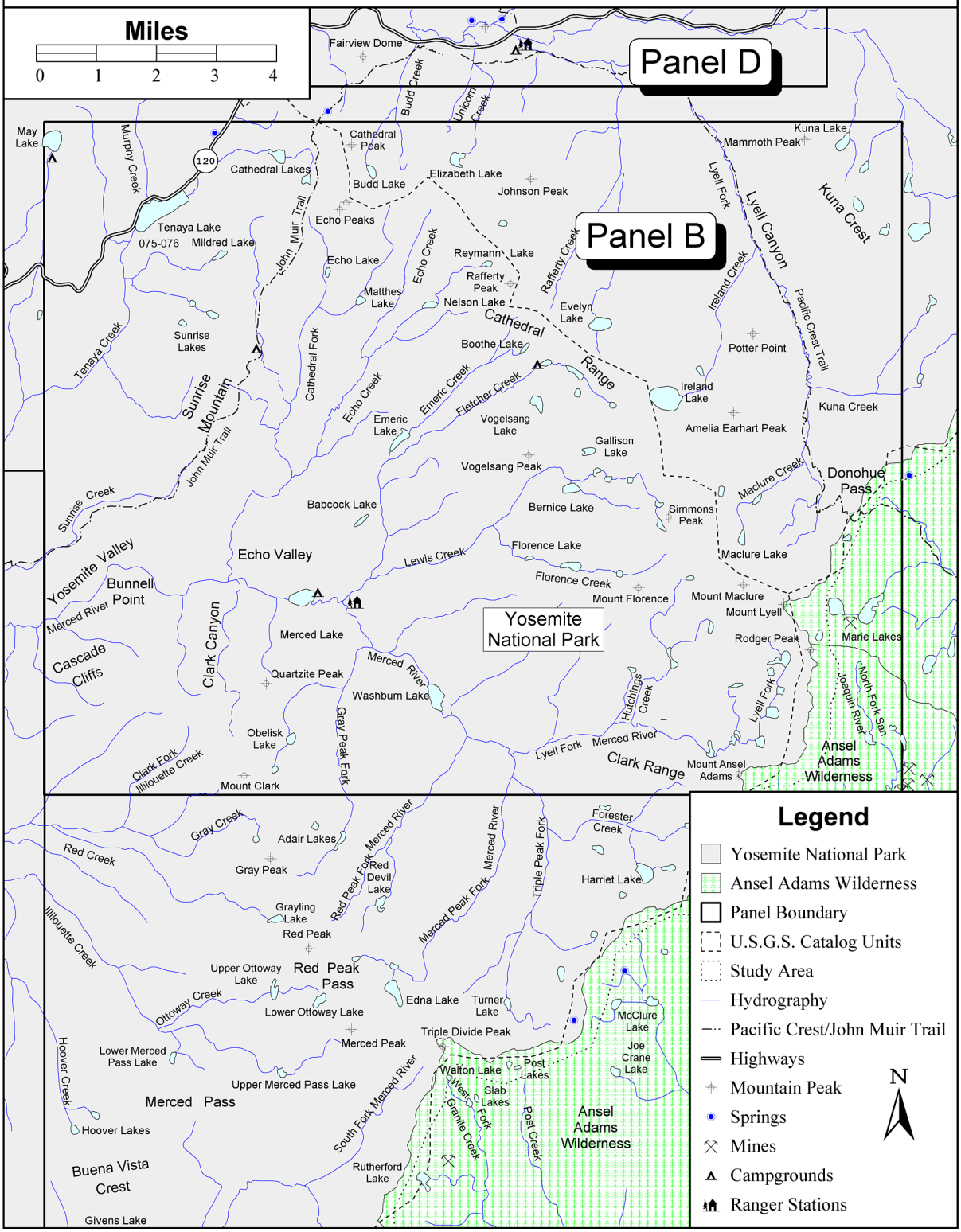
Yosemite National Park

Water Quality Monitoring Locations



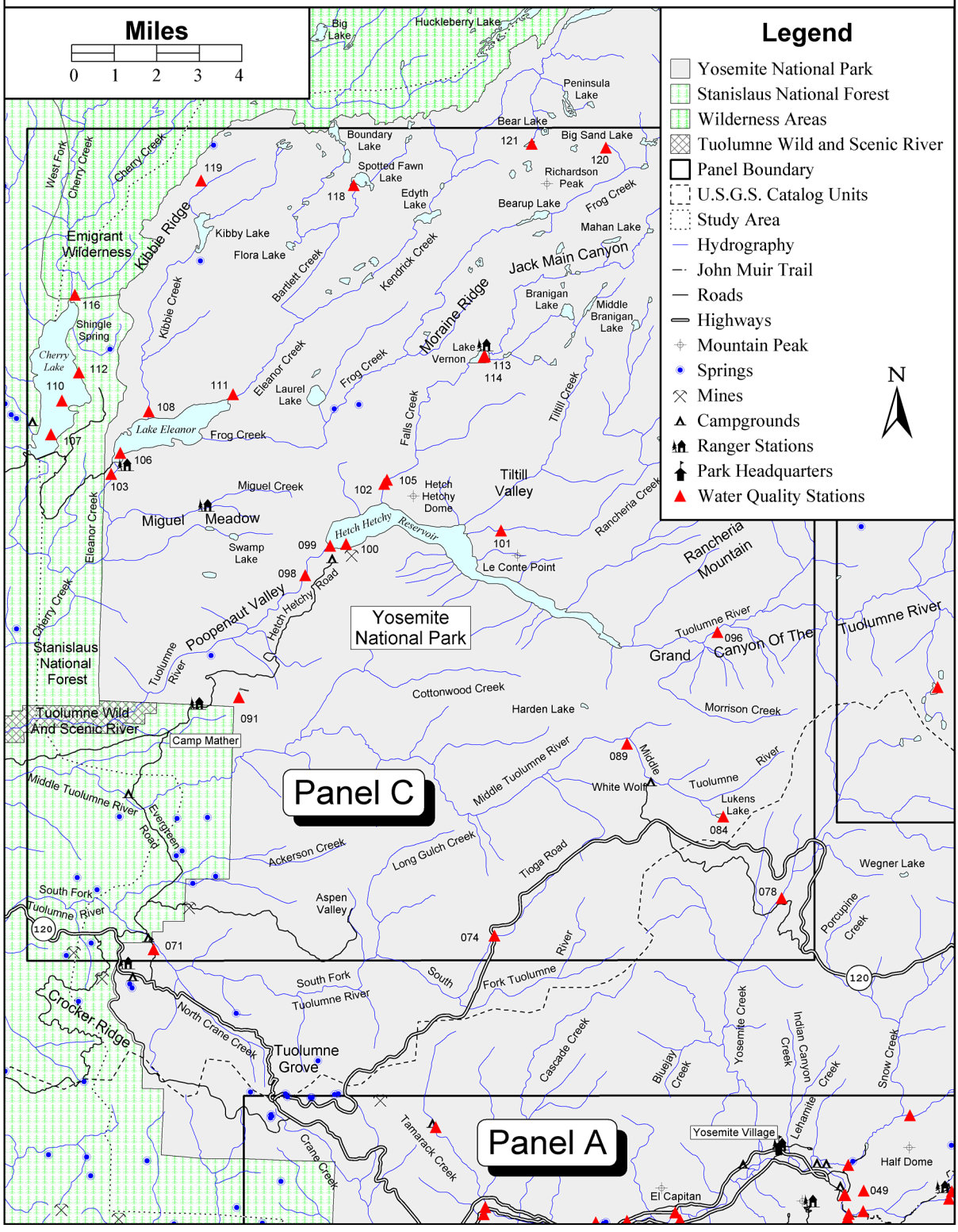
Yosemite National Park

Water Quality Monitoring Locations



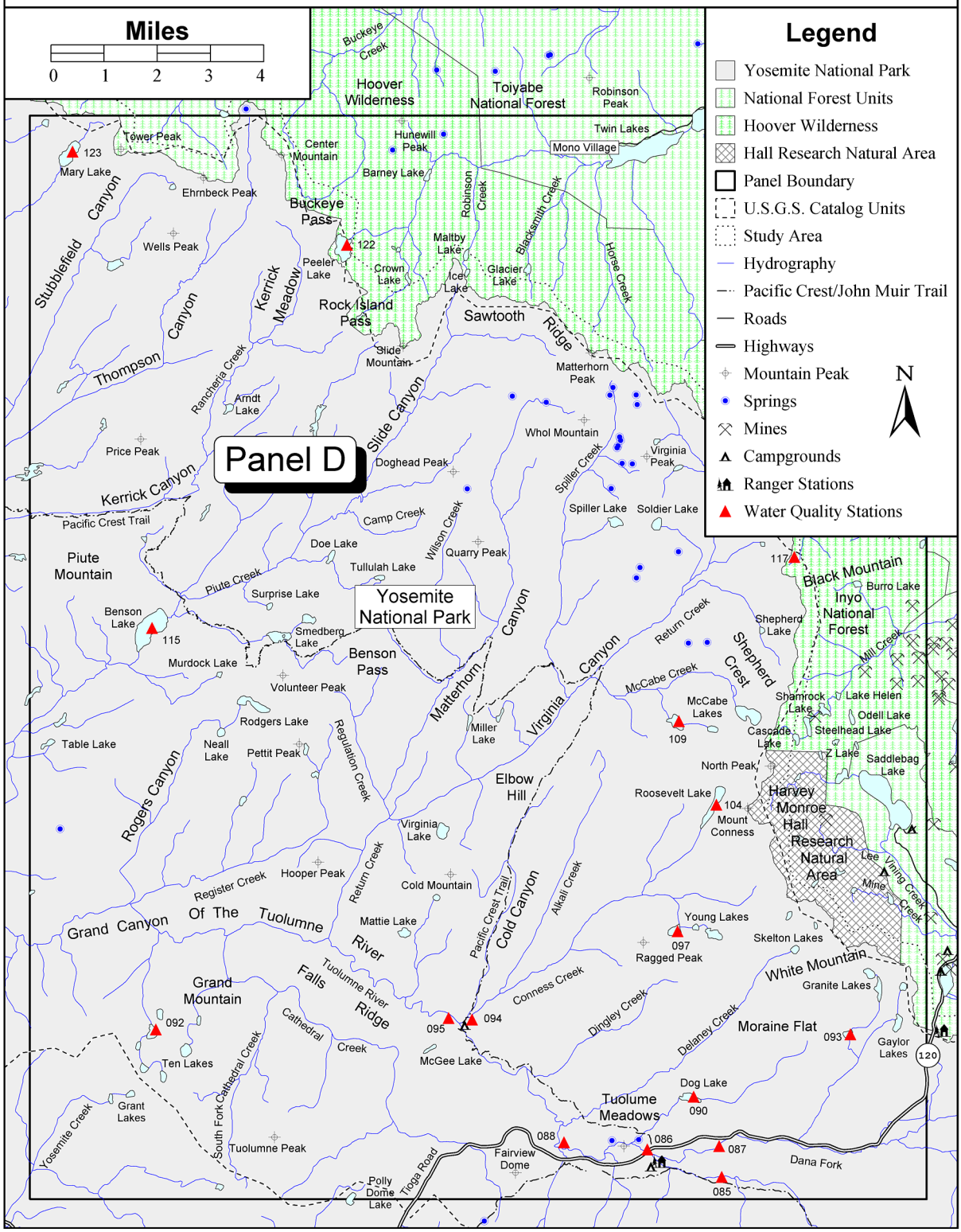
Yosemite National Park

Water Quality Monitoring Locations



Yosemite National Park

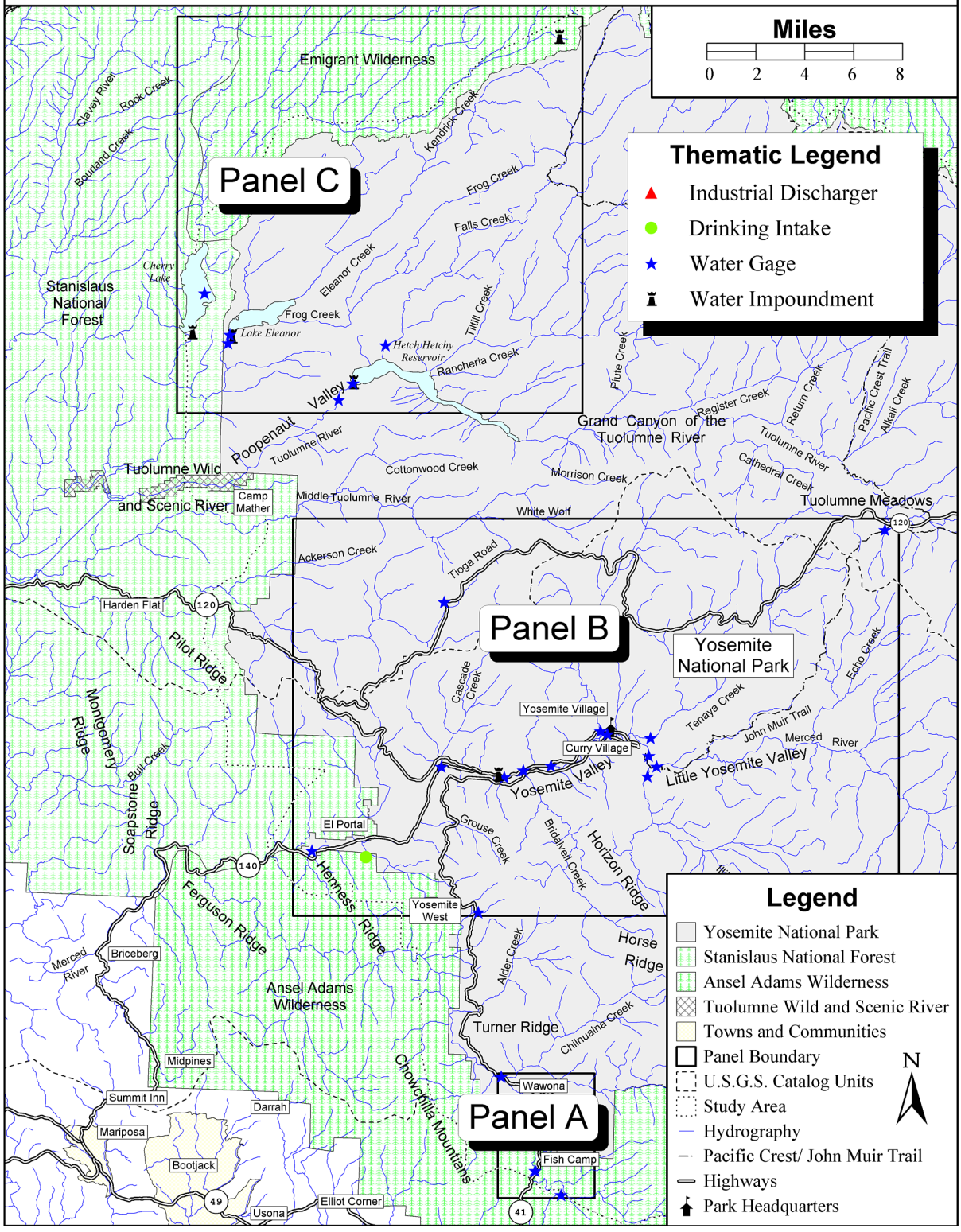
Water Quality Monitoring Locations

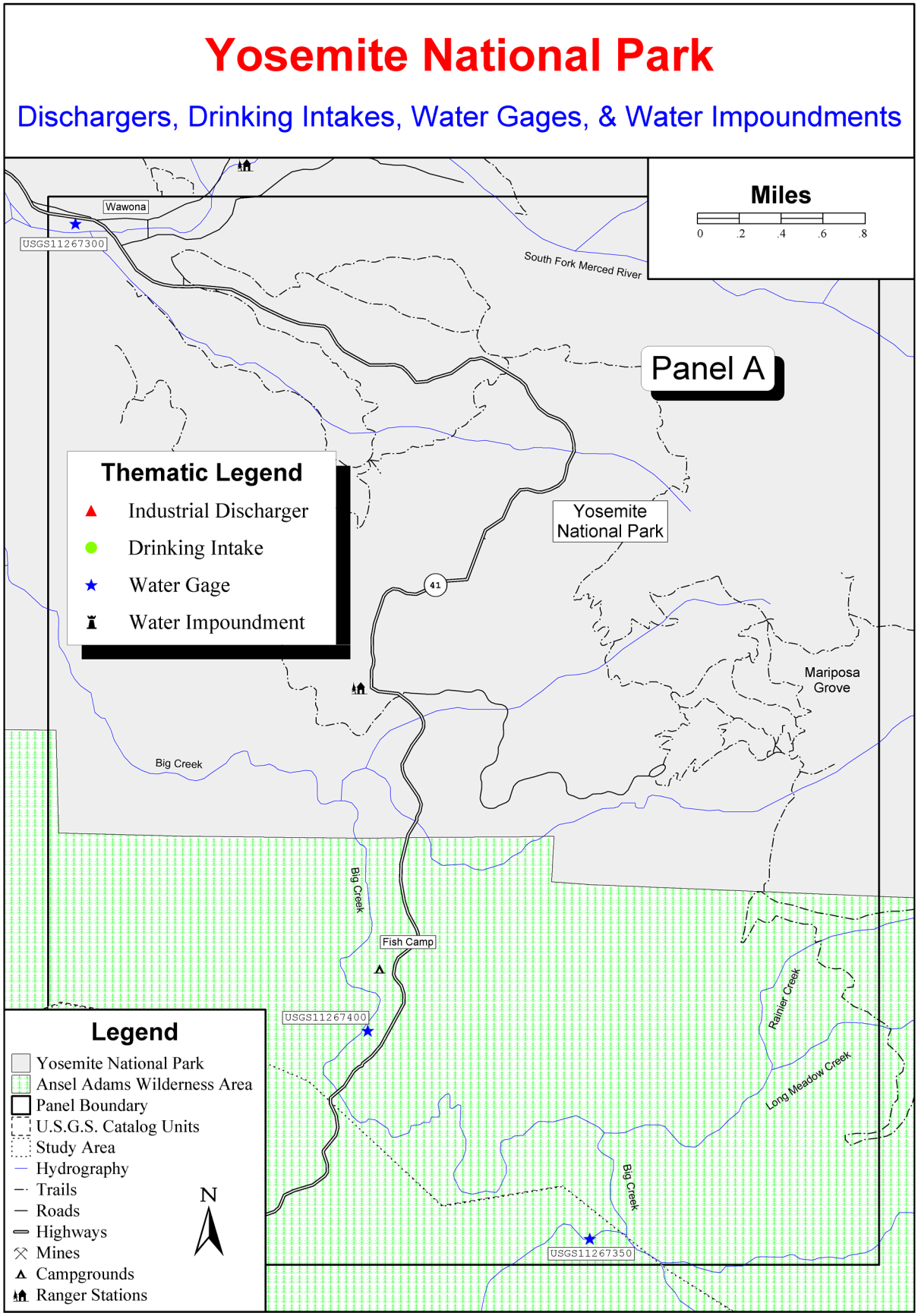


Yosemite National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

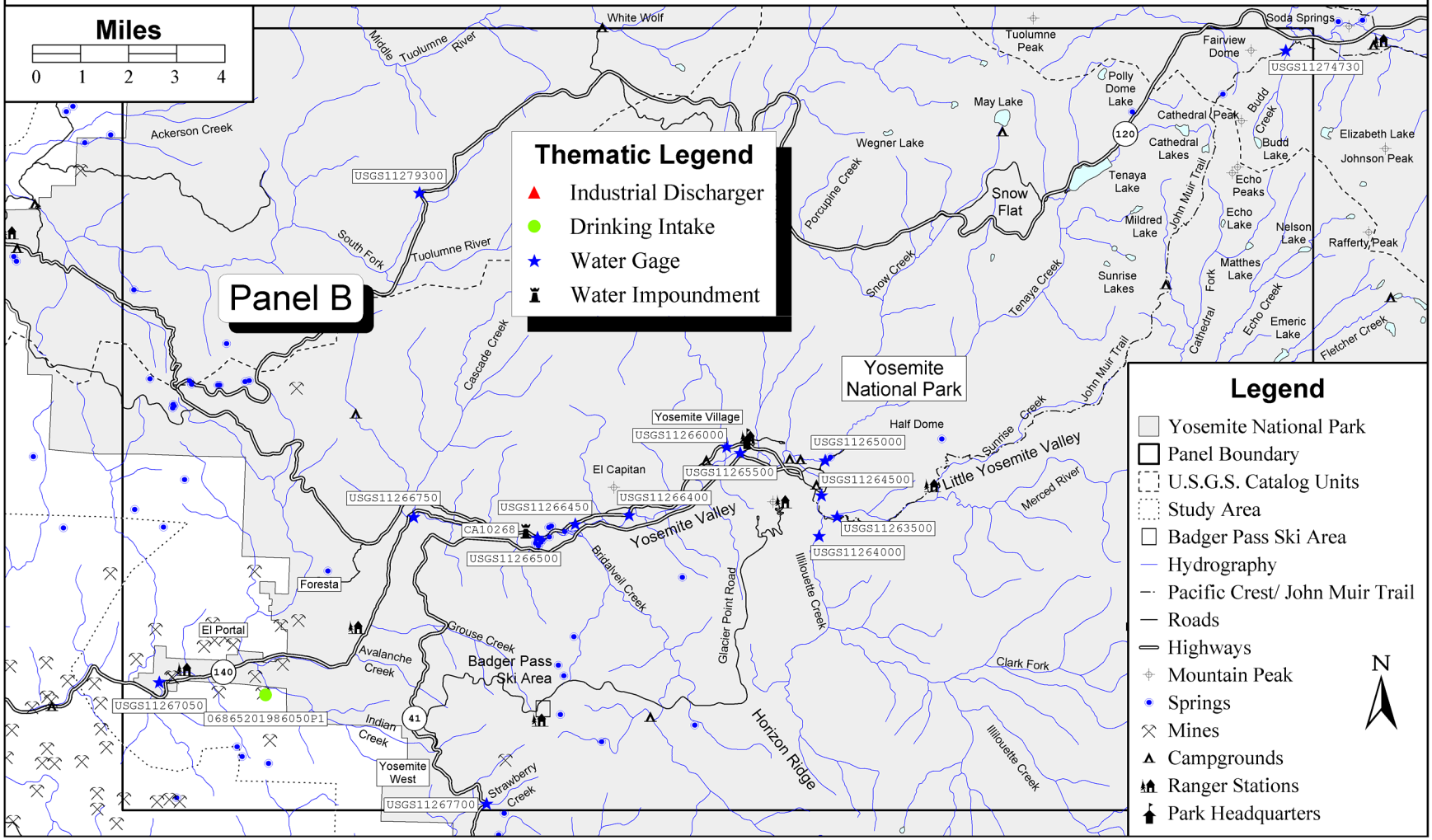
Graphic Panel Index




Yosemite National Park
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments
Miles
0 .2 .4 .6 .8
Wawona
USGS11267300
South Fork Merced River
Panel A
Thematic Legend
Industrial Discharger
Drinking Intake
Water Gage
Water Impoundment
Yosemite National Park
41
Mariposa Grove
Big Creek
Big Creek
Fish Camp
USGS11267400
Rainier Creek
Long Meadow Creek
Big Creek
USGS11267350
Legend
Yosemite National Park
Ansel Adams Wilderness Area
Panel Boundary
U.S.G.S. Catalog Units
Study Area
Hydrography
Trails
Roads
Highways
Mines
Campgrounds
Ranger Stations
N

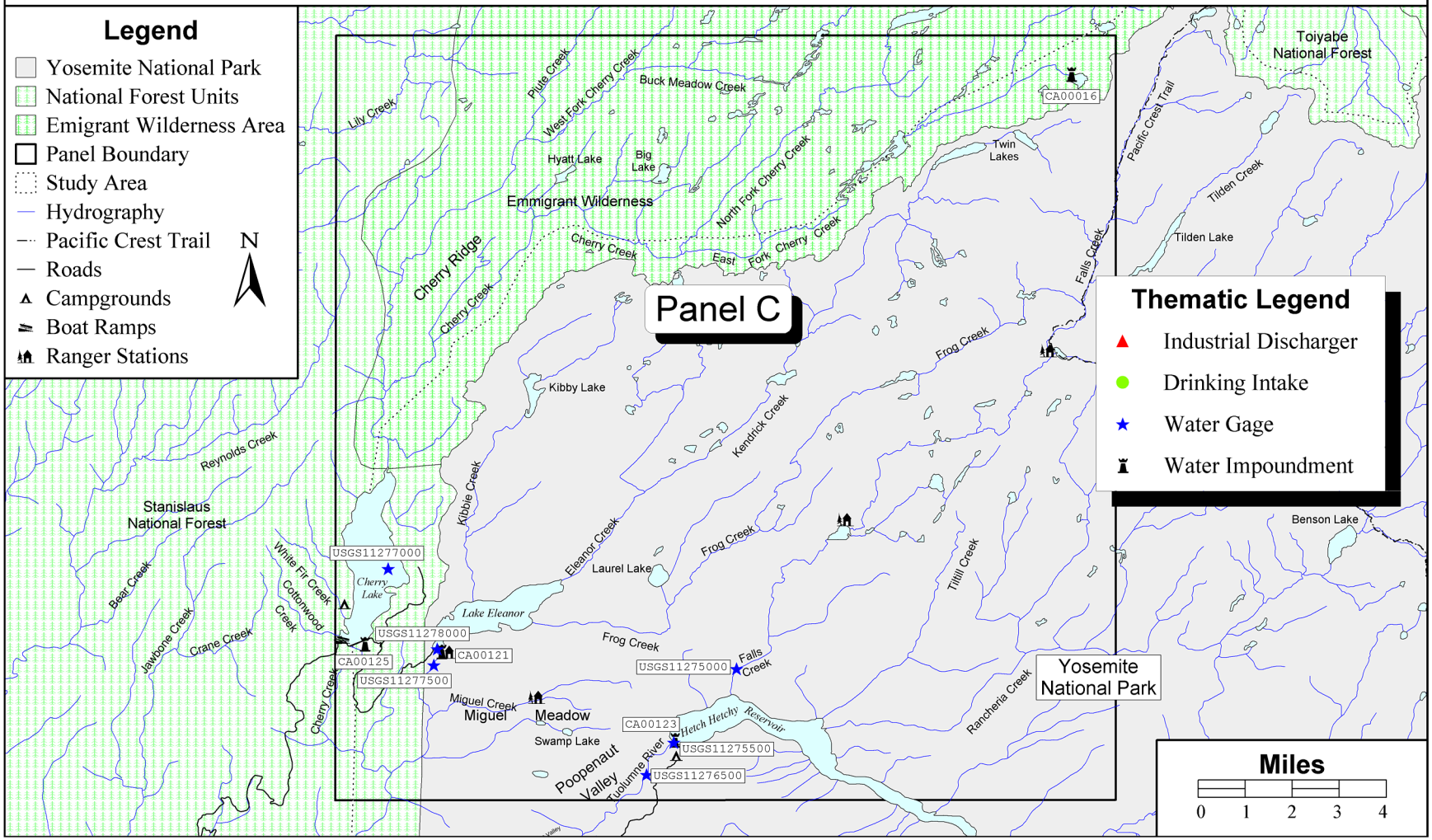
Yosemite National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Yosemite National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name

No IFD sites available for this study area.

Drinking Water Intakes

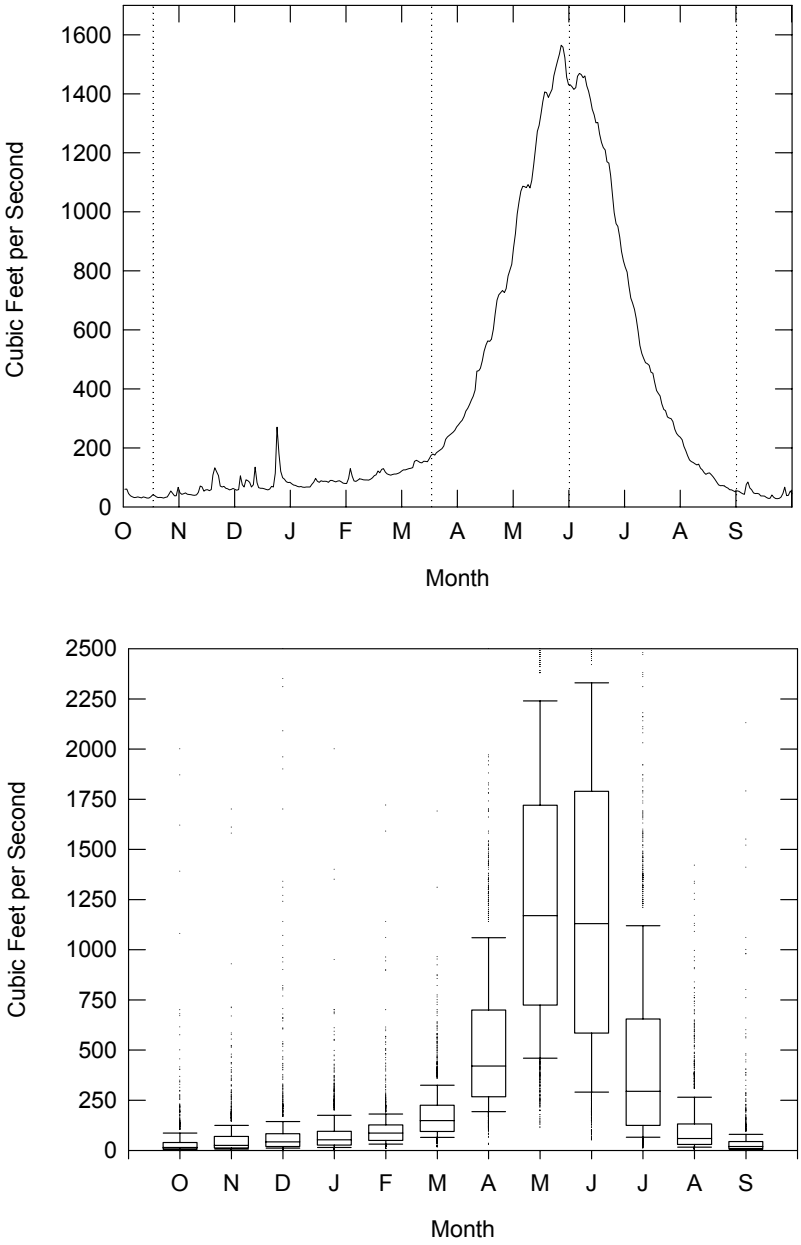
Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)
06865201986050P1	TREATMENT PLANT	YOSEMITE NATI	360	0000.00
06865201986050P1I1	MOSS CREEK	YOSEMITE NATI	360	0000.00

USGS Stream Gages

Site ID	Station Name	Catalog Unit	Drainage Area (Square Miles)	USGS Mean Annual Flow (Cubic Feet/Second)
USGS11263500	MERCED R AB ILLILOU	18040008	1900.00	-
USGS11264000	ILLILOUETTE CREEK N	18040008	6050.00	-
USGS11264500	MERCED R AT HAPPY I	18040008	181.00	343.83
USGS11265000	TENAYA CR NR YOSEMI	18040008	4690.00	106.60
USGS11265500	MERCED R AT YOSEMIT	18040008	3600.00	528.82
USGS11266000	YOSEMITE CR AT YOSE	18040008	4270.00	104.98
USGS11266400	MERCED RIVER AT EL	18040008	287.00	-
USGS11266450	EFFLUENT FROM TREAT	18040008	-	-
USGS11266500	MERCED RIVER AT POH	18040008	321.00	604.65
USGS11266750	MERCED R AT BIG OAK	18040008	345.00	-
USGS11267050	MERCED RIVER AT RAN	18040008	393.00	-
USGS11267300	SF MERCED R AT WAWO	18040008	100.00	180.26
USGS11267350	BIG CREEK DIVERSION	18040008	-	10.50
USGS11267400	BIG C NR WAWONA CA	18040008	-	-
USGS11267700	STRAWBERRY CR NR WA	18040008	105.00	-
USGS11274730	BUDD CR NR TUOLUMNE	18040009	294.00	-
USGS11275000	FALLS CREEK NR HETC	18040009	46.00	141.75
USGS11275500	HETCH HETCHY RESERV	18040009	455.00	-
USGS11276500	TUOLUMNE R NR HETCH	18040009	457.00	892.13
USGS11277000	CHERRY CR NR HETCH	18040009	1100.00	370.02
USGS11277500	LAKE ELEANOR NR HET	18040009	78.10	-
USGS11278000	ELEANOR CREEK NR HE	18040009	78.40	178.33
USGS11279300	SMOKY JACK CR TRIB	18040009	68.00	-
USNWS11266500	MERCED R NR YOSEMITE	18040008	321.00	-

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

YOSEMITE NATIONAL PARK
Merced River at Happy Isles Bridge near Yosemite, CA
11264500, 72 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 Yosemite National Park are: Sep. 1 to Oct. 15, Oct. 16 to Mar. 15, Mar. 16 to May 31, and Jun. 1 to Aug. 30.

CONTACTS FOR AGENCY CODES RETRIEVED FOR YOSE

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)
112WRD	YORK, TOM	US GEOLOGICAL SURVEY	(703)648-5687
12WLS1	LANDERS, DIXON H.	EPA ENVIRONMENTAL RES LAB	(503)754-4427
21CAL-1	LOWELL, SUZANNE	CA WATER RES CONTROL BRD	(916)657-1830
21CAL-3	LOWELL, SUZANNE	CA WATER RES CONTROL BRD	(916)657-1830
11NATDC	HOELMAN, LOUIS	USEPA HQ	(202)260-7050
113FORS4	REGIONAL HYDROLOGIST	US FOREST SERVICE	(801)625-5368
11EPALES	LAMBOU, VICTOR W.	USEPA	(702)798-2259

QUANTITY OF DATA RETRIEVED FOR YOSE BY AGENCY CODE

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

Agency	Organization	Period of Record		Water Quality Stations		Longer Term[1] Stations		No Data Stations		Water Quality Observations		Water Quality Parameters	
		Study Area	/ Park Only	S.A.	/ Park	S.A.	/ Park	S.A.	/ Park	S.A.	/ Park	S.A.	/ Park
112WRD	US GEOLOGICAL SURVEY	11/20/67-05/26/93	11/20/67-05/26/93	93	87	5	5	0	0	17723	17456	239	238
12WLS1	EPA ENVIRONMENTAL RES LAB	09/24/85-10/17/85	09/24/85-10/17/85	11	9	0	0	0	0	275	225	25	25
21CAL-1	CA WATER RES CONTROL BRD	01/01/01-11/08/88	01/01/01-11/08/88	14	10	4	4	1	1	3395	3322	70	70
21CAL-3	CA WATER RES CONTROL BRD	No Data in S.A.	No Data in Park	1	1	0	0	1	1	0	0	0	0
11NATDC	USEPA HQ	No Data in S.A.	No Data in Park	1	1	0	0	1	1	0	0	0	0
113FORS4	US FOREST SERVICE	07/10/75-09/02/80	No Data in Park	2	0	1	0	0	0	179	0	21	0
11EPALES	USEPA	11/17/74-10/09/75	11/17/74-10/09/75	1	1	0	0	0	0	79	79	6	6
Totals		01/01/01-05/26/93	01/01/01-05/26/93	123	109	10	9	3	3	21651	21082	262	257

[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 11/20/67 To 05/26/93

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75
YOSE0001	BIG C AB FISH CAMP CA	No	56	0	56	0
YOSE0002	BARE ISLAND LAKE	No	25	25	0	0
YOSE0003	005S022E16AS01M	No	54	54	0	0
YOSE0004	RAINIER C AB SPR IF NR FISHCAMP CA	No	42	42	0	0
YOSE0005	005S022E16BS1M	No	49	49	0	0
YOSE0006	005S022E16BS02M	No	6	6	0	0
YOSE0007	BIG C NR GRIZZLY GIANT TREE CA	Yes	51	0	51	0
YOSE0008	STAR LAKES (NORTH)	No	25	25	0	0
YOSE0009	SF MERCED R AB HWY 41 BR A WAWONA CA	Yes	43	43	0	0
YOSE0010	MERCED R,SF,A WAWONA	Yes	21	0	20	1
YOSE0011	SF MERCED R AB SOUTH WAWONA CA	Yes	61	0	61	0
YOSE0012	BIG C NR WAWONA CAMPGROUND CA	Yes	60	0	60	0
YOSE0013	CHILNAULNA C NR N WAWONA CA	Yes	60	0	60	0
YOSE0014	SF MERCED R BL WAWONA CA	Yes	32	0	32	0
YOSE0015	ALDER C A HWY 41 NR WAWONA CA	Yes	60	0	60	0
YOSE0016	OSTRANDER LK CA	Yes	53	0	53	0
YOSE0017	BRIDALVEIL C AB BRIDALVEIL CAMPGROUND CA	Yes	58	0	58	0
YOSE0018[1]	MERCED R A RANCHERIA FLAT NR EL PORTAL CA	Yes	1439	0	386	1053
YOSE0019[1]	MERCED RIVER BELOW EL PORTAL	Yes	524	19	90	415
YOSE0020	MONO MEADOW TRIB NR YOSEMITE CA	Yes	17	17	0	0
YOSE0021	ILLILOUETTE CR NR YOSEMITE CA	Yes	17	17	0	0
YOSE0022	GROUSE C A HWY 41 NR CHINQUAPIN CA	Yes	60	0	60	0
YOSE0023	CRANE C NR FORESTA CA	No	60	0	60	0
YOSE0024	UPPER MERCED R NR YOSEMITE CA	Yes	17	17	0	0
YOSE0025	(NO NAME)	Yes	25	25	0	0
YOSE0026	MERCED R AB WASHBURN LK CA	Yes	28	0	28	0
YOSE0027	NORTH FORK LYELL CR NR YOSEMITE CA	Yes	34	34	0	0
YOSE0028	HUTCHING CR NR YOSEMITE CA	Yes	17	17	0	0
YOSE0029	MERCED R AB WASHBURN LK BL RED PEAK FK CA	Yes	35	0	35	0
YOSE0030	WASHBURN LAKE CALIF	Yes	26	0	26	0
YOSE0031	WASHBURN LAKE ABOVE LEWIS CREEK NR YOSEMITE CA	Yes	91	0	91	0
YOSE0032	MERCED R A POHONO BRIDGE NR YOSEMITE CA	Yes	96	0	88	8
YOSE0033[1]	MERCED R A JCT BIGOAK FLAT RD&140	Yes	177	10	107	60
YOSE0034	BRIDALVEIL C IN YOSEMITE VALLEY CA	Yes	60	0	60	0
YOSE0035	YOSEMITE VLY STP %EFFLUENT<	Yes	63	0	0	63
YOSE0036	EFFLNT FRM TREATMNT PLNT NR YOSEMITE VILLAG CA	Yes	229	0	0	229
YOSE0037	MERCED R A EL CAPITAN BR	Yes	361	0	0	361
YOSE0038[1]	MERCED R A BIG OAK FLAT NR EL PORTAL CA	Yes	637	0	576	61
YOSE0039	ILLILOUETTE C NR HAPPY ISLES CA	Yes	59	0	59	0
YOSE0040	MERCED R A EL CAPITAN BR NR YOSEMITE VILAGE CA	Yes	1020	0	0	1020
YOSE0041	CASCADE C BL CASCADES CA	Yes	34	0	34	0
YOSE0042	ILLILOUETTE CREEK AB. MOUTH	Yes	4	0	0	4
YOSE0043		Yes	4	0	0	4
YOSE0044		Yes	4	0	0	4
YOSE0045	MERCED R BL VERNAL FALLS CA	Yes	4	0	0	4
YOSE0046	MERCED R BL SUNRISE C CA	Yes	23	0	23	0
YOSE0047[1]	MERCED R A HAPPY ISLES BRIDGE NR YOSEMITE CA	Yes	10319	2538	4872	2909
YOSE0048[1]	MERCED R A HAPPY ISLES BR	Yes	1194	0	759	435
YOSE0049	MERCED R AT HAPPY ISLES BRIDGE	Yes	0	0	0	0
YOSE0050	SUNRISE CREEK UPSTREAM FROM MERCED RIVER	Yes	24	0	24	0
YOSE0051	MERCED R AB SUNRISE C CA	Yes	70	0	70	0
YOSE0052	MERCED LK AB ECHO C NR YOSEMITE VALLEY CA	Yes	317	0	317	0
YOSE0053	MERCED R AB MERCED LK HSC CA	Yes	58	0	58	0
YOSE0054	MERCED R BELOW HIGH SIERRA CAMP NR YOSEMITE CA	Yes	20	20	0	0
YOSE0055[1]	MERCED LK CA	Yes	349	0	349	0
YOSE0056	MERCED R ABOVE HIGH SIERRA CAMP NR YOSEMITE CA	Yes	20	20	0	0
YOSE0057	MERCED R BL MERCED LK HSC CA	Yes	58	0	58	0
YOSE0058	CLARK FORK NR YOSEMITE CA	Yes	17	17	0	0
YOSE0059		Yes	4	0	0	4
YOSE0060	TENAYA CR. BL. MIRROR LAKE	Yes	4	0	0	4
YOSE0061	TAMARACK C AT TAMARACK FLAT CG NR EL PORTAL CA	Yes	79	0	79	0
YOSE0062	TENAYA CREEK NR HALF DOME AB MIRROR LAKE CA	Yes	59	0	59	0
YOSE0063	ECHO CR NR YOSEMITE CA	Yes	17	17	0	0
YOSE0064	CATHEDRAL FORK NR YOSEMITE CA	Yes	17	17	0	0
YOSE0065	VOGELSANG LAKE	Yes	25	25	0	0
YOSE0066	FLETCHER C BL VOGELSANG HIGH SIERRA CAMP CA	Yes	57	0	57	0
YOSE0067	LONG MDW C TRIB NR SUNRISE HSC CA	Yes	29	0	29	0
YOSE0068	FLETCHER LK (UPPER) CA	Yes	41	0	41	0
YOSE0069	FLETCHER C AB FLETCHER LAKE CA	Yes	59	0	59	0
YOSE0070	UPPER SUNRISE LAKE	Yes	24	0	24	0
YOSE0071[1]	SF TUOLUMNE R AT CARLTON GUARD STATION CA	Yes	84	0	84	0

Station Period of Record Tabulation
From 11/20/67 To 05/26/93

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75
YOSE0072	NELSON LK CA	Yes	42	0	42	0
YOSE0073	LONG MDW C AB SUNRISE HSC CA	Yes	29	0	29	0
YOSE0074	SMOKEY JACK C AT SMOKEY JACK CG NR YOSEMITE VILL	Yes	56	0	56	0
YOSE0075	TENAYA CR. BL. TENAYA LAKE	Yes	4	0	0	4
YOSE0076		Yes	4	0	0	4
YOSE0077	TENAYA LAKE CA	Yes	26	0	26	0
YOSE0078	YOSEMITE CREEK NR YOSEMITE CREEK CAMPGROUND CA	Yes	34	0	34	0
YOSE0079	TENAYA CREEK AB TENYA LAKE CALIF	Yes	26	0	26	0
YOSE0080	ELIZABETH LK CA	Yes	28	0	28	0
YOSE0081	LO CATHEDRAL LK CA	Yes	118	0	118	0
YOSE0082	BINGAMAN LAKE	Yes	25	25	0	0
YOSE0083	MAY LK CA	Yes	66	0	66	0
YOSE0084	LUKENS LK CA	Yes	24	0	24	0
YOSE0085	LYELL FORK IN TUOLUMNE MEADOWS CA	Yes	59	0	59	0
YOSE0086[!]	TUOLUMNE R A TUOLUMNE MDW	Yes	899	74	776	49
YOSE0087	DANA FORK NR TUOLUMNE MEADOWS CA	Yes	60	0	60	0
YOSE0088	TUOLUMNE R BL TUOLUMNE MEADOWS CA	Yes	58	0	58	0
YOSE0089	M TUOLUMNE R BL WHITE WOLF CA	Yes	32	0	32	0
YOSE0090	DOG LK CA	Yes	24	0	24	0
YOSE0091	HARDEN LK CA	Yes	45	0	45	0
YOSE0092	TEN LAKE NO 2 CA	Yes	28	0	28	0
YOSE0093	GAYLOR LK CA	Yes	24	0	24	0
YOSE0094	CONNESS C BL GLEN AULIN HSC CA	Yes	59	0	59	0
YOSE0095	TUOLUMNE R NR GLEN AULIN BL CONNESS CREEK CA	Yes	59	0	59	0
YOSE0096	TUOLUMNE R AB HETCH HETCHY RE BL PIUTE C CA	Yes	57	0	57	0
YOSE0097	LO YOUNG LK CA	Yes	24	0	24	0
YOSE0098	TUOLUMNE R NR HETCH HETCHY CALIF	Yes	58	0	58	0
YOSE0099	HETCH HETCHY RES A HETCH HETCHY	Yes	0	0	0	0
YOSE0100	38-001 HETCH HETCHY RESERVOIR-RAW SHORE SAMPLE	Yes	0	0	0	0
YOSE0101	RANCHERIA C AB RANCHERIA FALLS CA	Yes	56	0	56	0
YOSE0102	FALLS C AB WAPAMA FALLS CA	Yes	30	0	30	0
YOSE0103	ELEANOR C NR HETCH HETCHY	Yes	62	0	61	1
YOSE0104	ROOSEVELT LAKE	Yes	25	25	0	0
YOSE0105	FALLS C NR HETCH HETCHY CA	Yes	3	0	3	0
YOSE0106	LAKE ELEANOR AB DAM	Yes	21	0	20	1
YOSE0107	CHERRY LAKE LOWER MID POINT	No	33	0	32	1
YOSE0108	KIBBIE C A LK ELEANOR CA	Yes	59	0	59	0
YOSE0109	LO MCCABE LK CA	Yes	24	0	24	0
YOSE0110	CHERRY LAKE MIDDLE MID POINT	No	1	0	0	1
YOSE0111	ELEANOR C A LK ELEANOR CA	Yes	32	0	32	0
YOSE0112	CHERRY LAKE UPPER MID POINT	No	19	0	18	1
YOSE0113	LK VERNON CA	Yes	25	0	25	0
YOSE0114	LAKE VERNON	Yes	25	25	0	0
YOSE0115	BENSON LK CA	Yes	24	0	24	0
YOSE0116	CHERRY CR IF TO CHERRY LAKE	No	20	0	19	1
YOSE0117[!]	SUMMIT LAKE	No	98	0	98	0
YOSE0118	(NO NAME)	Yes	25	25	0	0
YOSE0119	UNNAMED CRK IN WTR CYN	Yes	79	0	67	12
YOSE0120	(NO NAME)	Yes	25	25	0	0
YOSE0121	(NO NAME)	Yes	25	25	0	0
YOSE0122	PEELER LAKE	No	81	0	81	0
YOSE0123	MARY LAKE	Yes	25	25	0	0

[!]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 11/20/67 To 05/26/93

Parameter Code	Name	Total Obs	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	49	0	49	0	4	4
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	1	0	0	1	1	1
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	78	78	0	0	1	1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	858	134	512	212	102	92
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	1	0	0	1	1	1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	25	7	6	12	7	2
00025	BAROMETRIC PRESSURE (MM OF HG)	161	92	69	0	34	32
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	423	136	216	71	82	73
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	325	130	182	13	76	70
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	13	0	0	13	13	9
00049	SURFACE AREA IN SQUARE MILES	55	0	55	0	2	2
00060	FLOW, STREAM, MEAN DAILY CFS	39	0	7	32	3	3
00061	FLOW, STREAM, INSTANTANEOUS CFS	464	49	305	110	56	50
00065	STAGE, STREAM (FEET)	99	4	84	11	7	7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	49	0	26	23	10	9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	49	30	19	0	5	5
00078	TRANSPARENCY, SECCHI DISC (METERS)	20	11	9	0	15	11
00080	COLOR (PLATINUM-COBALT UNITS)	11	11	0	0	11	9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	116	6	76	34	9	7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	770	130	453	187	95	85
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	986	147	555	284	119	106
00098	SAMPLING STATION LOCATION VERTICAL (METERS)	89	0	89	0	7	7
00154	SULFATE (AS S) WHOLE WATER, MG/L	11	11	0	0	11	9
00300	OXYGEN, DISSOLVED MG/L	694	106	468	120	75	71
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	149	2	147	0	44	42
00310	BOD, 5 DAY, 20 DEG C MG/L	77	0	39	38	8	8
00335	COD, .025N K2CR2O7 MG/L	42	0	42	0	7	7
00400	PH (STANDARD UNITS)	687	114	410	163	81	74
00403	PH, LAB, STANDARD UNITS SU	286	61	188	37	95	85
00405	CARBON DIOXIDE (MG/L AS CO2)	228	0	127	101	58	56
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	11	11	0	0	11	9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	550	23	341	186	86	76
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	11	11	0	0	1	1
00440	BICARBONATE ION (MG/L AS HCO3)	200	0	57	143	11	11
00445	CARBONATE ION (MG/L AS CO3)	181	0	43	138	9	9
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	7	7	0	0	1	1
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	11	11	0	0	1	1
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	15	15	0	0	1	1
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	16	16	0	0	1	1
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	7	0	1	6	1	1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	42	1	24	17	7	7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	20	0	14	6	7	7
00545	RESIDUE, SETTLEABLE (ML/L)	4	0	4	0	2	2
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	18	0	12	6	4	4
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	18	0	12	6	4	4
00600	NITROGEN, TOTAL (MG/L AS N)	95	0	42	53	9	9
00602	NITROGEN, DISSOLVED (MG/L AS N)	13	0	13	0	1	1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	160	1	71	88	9	9
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	28	0	15	13	8	8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	115	30	49	36	9	9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	272	29	138	105	25	20
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	83	27	7	49	11	11
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	47	7	27	13	6	4
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	164	12	74	78	26	23
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	49	0	36	13	6	4
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	31	1	23	7	4	4
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	21	0	21	0	1	1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	224	30	110	84	12	10
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	66	0	40	26	9	8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	165	9	114	42	12	12
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	316	40	184	92	79	74
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	102	0	56	46	10	9
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	1	0	0	1	1	1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	17	0	3	14	1	1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	177	0	70	107	10	9
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	11	11	0	0	11	9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	416	36	221	159	23	18
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	175	30	117	28	65	63
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	350	52	146	152	33	27
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	121	0	31	90	10	10
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	16	11	5	0	12	10

Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Parameter Code	Name	Total Obs	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	6	0	6	0	1	1
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	11	11	0	0	11	9
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	15	0	13	2	1	1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	393	8	253	132	67	62
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	250	0	162	88	56	54
00910	CALCIUM (MG/L AS CACO3)	11	11	0	0	11	9
00915	CALCIUM, DISSOLVED (MG/L AS CA)	461	51	278	132	93	85
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	471	62	277	132	104	94
00930	SODIUM, DISSOLVED (MG/L AS NA)	475	62	279	134	104	94
00931	SODIUM ADSORPTION RATIO	285	3	191	91	56	54
00932	SODIUM, PERCENT	283	2	192	89	57	55
00933	SODIUM,PLUS POTASSIUM (MG/L)	8	0	8	0	1	1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	460	57	276	127	104	94
00940	CHLORIDE,TOTAL IN WATER MG/L	356	46	217	93	82	77
00941	CHLORIDE, DISSOLVED IN WATER MG/L	109	11	57	41	22	17
00945	SULFATE, TOTAL (MG/L AS SO4)	353	46	214	93	82	77
00946	SULFATE, DISSOLVED (MG/L AS SO4)	98	0	57	41	11	8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	289	57	185	47	93	86
00955	SILICA, DISSOLVED (MG/L AS SI02)	372	57	199	116	96	89
01000	ARSENIC, DISSOLVED (UG/L AS AS)	107	27	31	49	11	8
01001	ARSENIC, SUSPENDED (UG/L AS AS)	25	0	8	17	3	3
01002	ARSENIC, TOTAL (UG/L AS AS)	78	0	16	62	6	6
01005	BARIUM, DISSOLVED (UG/L AS BA)	53	30	23	0	7	4
01006	BARIUM, SUSPENDED (UG/L AS BA)	4	0	4	0	1	1
01007	BARIUM, TOTAL (UG/L AS BA)	13	0	12	1	1	1
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	38	27	11	0	5	2
01015	BISMUTH, DISSOLVED (UG/L AS BI)	1	0	0	1	1	1
01020	BORON, DISSOLVED (UG/L AS B)	245	4	181	60	77	69
01025	CADMIUM, DISSOLVED (UG/L AS CD)	103	27	27	49	11	8
01026	CADMIUM, SUSPENDED (UG/L AS CD)	22	0	5	17	3	3
01027	CADMIUM, TOTAL (UG/L AS CD)	76	0	14	62	6	6
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	114	27	38	49	11	8
01031	CHROMIUM, SUSPEND (UG/L AS CR)	24	0	7	17	3	3
01034	CHROMIUM, TOTAL (UG/L AS CR)	79	0	17	62	6	6
01035	COBALT, DISSOLVED (UG/L AS CO)	95	30	15	50	10	7
01036	COBALT, SUSPENDED (UG/L AS CO)	21	0	4	17	3	3
01037	COBALT, TOTAL (UG/L AS CO)	65	0	4	61	6	6
01040	COPPER, DISSOLVED (UG/L AS CU)	65	27	38	0	7	4
01041	COPPER, SUSPENDED (UG/L AS CU)	4	0	4	0	1	1
01042	COPPER, TOTAL (UG/L AS CU)	18	0	17	1	1	1
01044	IRON, SUSPENDED (UG/L AS FE)	6	0	6	0	1	1
01045	IRON, TOTAL (UG/L AS FE)	74	0	17	57	6	6
01046	IRON, DISSOLVED (UG/L AS FE)	246	42	127	77	79	74
01049	LEAD, DISSOLVED (UG/L AS PB)	104	27	29	48	11	8
01050	LEAD, SUSPENDED (UG/L AS PB)	23	0	6	17	3	3
01051	LEAD, TOTAL (UG/L AS PB)	75	0	13	62	6	6
01054	MANGANESE, SUSPENDED (UG/L AS MN)	8	0	8	0	1	1
01055	MANGANESE, TOTAL (UG/L AS MN)	23	0	17	6	5	5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	85	53	29	3	30	25
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	41	30	11	0	5	2
01065	NICKEL, DISSOLVED (UG/L AS NI)	36	30	5	1	5	2
01075	SILVER, DISSOLVED (UG/L AS AG)	43	30	13	0	5	2
01076	SILVER, SUSPENDED (UG/L AS AG)	7	0	7	0	1	1
01077	SILVER, TOTAL (UG/L AS AG)	16	0	15	1	1	1
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	42	30	11	1	5	2
01085	VANADIUM, DISSOLVED (UG/L AS V)	41	30	11	0	5	2
01090	ZINC, DISSOLVED (UG/L AS ZN)	98	27	27	44	11	8
01091	ZINC, SUSPENDED (UG/L ZN)	26	0	9	17	3	3
01092	ZINC, TOTAL (UG/L AS ZN)	74	0	17	57	6	6
01105	ALUMINUM, TOTAL (UG/L AS AL)	11	11	0	0	11	9
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	35	30	5	0	5	2
01130	LITHIUM, DISSOLVED (UG/L AS LI)	42	30	11	1	5	2
01145	SELENIUM, DISSOLVED (UG/L AS SE)	55	26	29	0	3	3
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7	0	7	0	1	1
01147	SELENIUM, TOTAL (UG/L AS SE)	17	0	16	1	1	1
01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	6	0	2	4	1	1
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	7	0	3	4	1	1
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	26	14	6	6	1	1
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	27	14	7	6	1	1
09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	1	0	0	1	1	1
09511	RADIUM 226, DISSOLVED, RADON METHOD	25	13	7	5	1	1

Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Parameter Code	Name	Total Obs	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
22703	URANIUM, NATURAL, DISSOLVED	12	9	0	3	1	1
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	76	0	38	38	1	1
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	1	0	1	0	1	0
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	68	0	10	58	3	3
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	182	32	150	0	59	57
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	96	30	66	0	4	4
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	27	0	12	15	2	2
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	11	0	11	0	2	0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	9	0	9	0	2	0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	9	0	9	0	2	0
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	4	0	0	4	3	3
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	4	0	0	4	3	3
32230	CHLOROPHYLL A (MG/L)	1	0	1	0	1	1
32231	CHLOROPHYLL B (MG/L)	1	0	1	0	1	1
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10	0	10	0	3	3
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	3	0	3	0	1	1
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	29	13	16	0	5	5
39040	S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE WTR-FPD UG/L	6	0	6	0	2	2
39042	ORG PHOS COMPNONE FOUNDWHOLE WATER SMPL (UG/L)	6	0	6	0	2	2
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	16	16	0	0	1	1
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	4	0	4	0	1	1
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	1	0	1	0	1	1
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1	1
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	7	0	4	3	1	1
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	8	0	5	3	1	1
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	7	0	4	3	1	1
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	8	0	5	3	1	1
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	7	0	4	3	1	1
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1	1
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	7	0	4	3	1	1
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1	1
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	7	0	4	3	1	1
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1	1
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	7	0	4	3	1	1
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1	1
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	7	0	4	3	1	1
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	4	0	4	0	1	1
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	1
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1	1
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	7	0	4	3	1	1
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	5	0	5	0	1	1
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	1
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	5	0	5	0	1	1
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	4	0	4	0	1	1
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1	1
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	7	0	4	3	1	1
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1	1
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	7	0	4	3	1	1
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	3	0	3	0	1	1
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	3	0	3	0	1	1
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	6	0	5	1	1	1
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	5	0	4	1	1	1
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1	1
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	0	1	2	1	1
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1	1
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	3	0	1	2	1	1
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1	1
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	2	0	1	1	1	1
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1	1
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	3	0	1	2	1	1
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1	1
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	1
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1	1
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	1
39755	MIREX, TOTAL (UG/L)	4	0	4	0	1	1
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	1	0	1	0	1	1
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1	1
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	1
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	5	0	5	0	1	1
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	1
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	5	0	5	0	1	1

Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Parameter Code	Name	Total Obs	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	1	0	1	0	1	1
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	11	11	0	0	11	9
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	329	39	189	101	25	19
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	202	5	109	88	37	35
70302	SOLIDS, DISSOLVED-TONS PER DAY	206	1	131	74	30	28
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	239	0	146	93	37	35
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	44	20	22	2	2	2
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	3	2	0	1	1	1
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	3	2	0	1	1	1
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	2	1	0	1	1	1
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	1	0	0	1	1	1
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	9	0	9	0	1	1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	56	9	12	35	12	10
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	17	0	17	0	15	15
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	17	0	17	0	15	15
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	4	0	4	0	1	1
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	81	2	31	48	7	7
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	111	11	38	62	22	20
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	26	0	0	26	4	4
71870	BROMIDE (MG/L AS BR)	16	16	0	0	15	12
71885	IRON (UG/L AS FE)	11	11	0	0	11	9
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	46	1	45	0	2	1
71887	NITROGEN, TOTAL, AS NO3 - MG/L	79	0	42	37	9	9
71890	MERCURY, DISSOLVED (UG/L AS HG)	115	26	15	74	20	17
71895	MERCURY, SUSPENDED (UG/L AS HG)	25	0	8	17	3	3
71900	MERCURY, TOTAL (UG/L AS HG)	120	0	35	85	16	16
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	7	0	7	0	2	2
72005	SAMPLE SOURCE CODE (BM WELL DATA)	7	0	0	7	3	3
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	11	11	0	0	11	9
72025	DEPTH OF POND OR RESERVOIR IN FEET	3	0	3	0	2	2
75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	8	8	0	0	1	1
75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	8	8	0	0	1	1
75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	8	8	0	0	1	1
75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	8	8	0	0	1	1
75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	5	5	0	0	1	1
76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	5	5	0	0	1	1
76002	RADON 222,1 SIGMA PRC EST,TOTAL,WATER PC/L	2	2	0	0	2	0
76004	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS TH230,WTR PC/L	8	8	0	0	1	1
76005	BETA GROSS,SUSP,1 SIGMA PRC EST AS SR90/Y90 PC/L	8	8	0	0	1	1
80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	14	4	7	3	1	1
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	26	14	6	6	1	1
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	27	14	7	6	1	1
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	26	14	6	6	1	1
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	27	14	7	6	1	1
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	182	67	59	56	4	4
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	98	0	51	47	3	3
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	18	11	7	0	13	11
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	1	0	1	0	1	1
81903	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	37	37	0	0	1	1

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/82-09/12/83	1	2	
YOSE0002	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/85-09/29/85	0	1	
YOSE0003	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/05/91-09/18/91	0	2	
YOSE0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/05/91-09/05/91	0	1	
YOSE0005	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/05/91-09/18/91	0	2	
YOSE0006	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/92-07/29/92	0	1	
YOSE0007	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-09/12/83	2	2	
YOSE0008	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/85-09/29/85	0	1	
YOSE0009	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/91-09/01/91	0	1	
YOSE0010	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/76-07/06/76	0	1	
YOSE0011	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/82-08/12/82	0	4	
YOSE0017	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/73-12/01/77	4	59	
YOSE0019	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/73-01/12/88	14	17	
YOSE0022	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-08/17/82	0	2	
YOSE0023	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/81-08/17/82	0	2	
YOSE0025	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/85-09/24/85	0	1	
YOSE0026	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/82-08/13/82	0	1	
YOSE0029	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/77-08/12/77	0	1	
YOSE0030	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/82-08/13/82	0	1	
YOSE0031	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/77-08/12/77	0	10	
YOSE0032	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/71-08/17/82	10	4	
YOSE0033	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/08/74-11/08/88	14	8	
YOSE0034	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-08/17/82	0	2	
YOSE0036	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/73-04/20/73	0	1	
YOSE0037	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/73-09/03/74	1	10	
YOSE0038	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/08/74-11/30/77	3	40	
YOSE0039	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/73-09/03/74	1	34	
YOSE0041	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/82-08/17/82	0	1	
YOSE0042	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/72-05/24/72	0	1	
YOSE0043	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/71-10/19/71	0	1	
YOSE0044	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/71-10/18/71	0	1	
YOSE0045	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/72-05/24/72	0	1	
YOSE0046	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/83-09/16/83	0	1	
YOSE0047	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	25	342	
YOSE0048	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-06/10/80	8	43	
YOSE0050	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/83-09/16/83	0	1	
YOSE0051	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/11/76-08/11/77	0	37	
YOSE0053	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/81-08/12/82	0	2	
YOSE0055	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/81-09/16/83	2	47	
YOSE0057	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/81-08/12/82	0	2	
YOSE0059	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/71-10/18/71	0	1	
YOSE0060	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/72-05/24/72	0	1	
YOSE0061	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/77-09/29/77	0	2	
YOSE0062	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/81-08/16/82	0	2	
YOSE0065	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/85-09/24/85	0	1	
YOSE0066	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/81-08/26/81	0	4	
YOSE0069	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/81-08/10/82	0	2	
YOSE0070	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/83-09/15/83	0	1	
YOSE0071	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/81-09/13/83	2	3	
YOSE0072	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/81-08/28/81	0	4	
YOSE0073	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/77-09/29/77	0	2	
YOSE0075	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/72-05/24/72	0	1	
YOSE0076	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/71-10/18/71	0	1	
YOSE0077	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/82-08/11/82	0	1	
YOSE0080	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/83-09/15/83	0	1	
YOSE0081	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/81-09/15/83	2	19	
YOSE0082	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/85-09/24/85	0	1	
YOSE0083	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/81-08/26/81	0	9	
YOSE0084	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/83-09/15/83	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0085	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/81-08/11/82	0	2	
YOSE0086	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/05/74-10/21/86	12	34	
YOSE0087	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/82-08/11/82	0	1	
YOSE0090	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/83-09/15/83	0	1	
YOSE0091	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/81-08/20/81	0	5	
YOSE0092	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/81-08/27/81	0	1	
YOSE0093	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/83-09/14/83	0	1	
YOSE0094	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/81-08/10/82	0	2	
YOSE0097	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/83-09/14/83	0	1	
YOSE0098	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/82-08/09/82	0	1	
YOSE0103	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/77-09/14/77	0	2	
YOSE0104	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/85-09/24/85	0	1	
YOSE0108	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/81-08/09/82	0	2	
YOSE0109	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/83-09/14/83	0	1	
YOSE0111	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/82-08/09/82	0	1	
YOSE0113	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/83-09/14/83	0	1	
YOSE0114	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/85-10/17/85	0	1	
YOSE0115	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/83-09/14/83	0	1	
YOSE0117	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/77-08/14/80	3	7	
YOSE0118	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/85-10/03/85	0	1	
YOSE0120	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/85-09/24/85	0	1	
YOSE0121	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/85-10/03/85	0	1	
YOSE0122	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/75-08/20/80	5	7	
YOSE0123	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/85-10/03/85	0	1	
YOSE0086	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/12/73-07/12/73	0	1	
YOSE0038	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	07/23/75-09/24/75	0	3	
YOSE0040	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	01/15/74-01/15/74	0	1	
YOSE0047	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	03/12/68-04/04/77	9	35	
YOSE0001	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/82-08/18/82	0	1	
YOSE0003	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/05/91-09/18/91	0	2	
YOSE0004	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/05/91-09/05/91	0	1	
YOSE0005	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/18/91-09/18/91	0	1	
YOSE0007	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/81-08/18/81	0	1	
YOSE0009	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/91-09/01/91	0	1	
YOSE0010	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/06/76-07/06/76	0	1	
YOSE0011	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/81-08/18/82	1	2	
YOSE0017	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/82-08/18/82	0	1	
YOSE0018	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/23/73-12/01/77	4	26	
YOSE0019	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/74-01/12/88	13	7	
YOSE0022	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/81-08/17/82	0	2	
YOSE0023	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/81-08/17/82	0	2	
YOSE0032	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/19/81-08/17/82	0	2	
YOSE0033	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/04/75-11/08/88	13	6	
YOSE0034	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/81-08/17/82	0	2	
YOSE0037	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/05/73-09/03/74	1	4	
YOSE0038	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/23/75-11/30/77	2	12	
YOSE0039	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/20/73-09/03/74	1	19	
YOSE0041	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/17/82-08/17/82	0	1	
YOSE0047	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	21	255	
YOSE0048	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/11/72-06/10/80	8	35	
YOSE0050	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/16/83-09/16/83	0	1	
YOSE0051	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/12/76-11/12/76	0	1	
YOSE0053	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/81-08/12/82	0	2	
YOSE0057	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/81-08/12/82	0	2	
YOSE0061	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/17/77-09/29/77	0	2	
YOSE0062	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/19/81-08/16/82	0	2	
YOSE0066	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/10/82-08/10/82	0	1	
YOSE0069	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/81-08/10/82	0	2	
YOSE0071	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/21/81-09/13/83	2	3	
YOSE0073	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/10/82-08/10/82	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0074	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/17/77-09/29/77	0	2	
YOSE0078	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/11/82-08/11/82	0	1	
YOSE0085	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/81-08/11/82	0	2	
YOSE0086	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/08/76-10/21/86	10	26	
YOSE0087	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/11/82-08/11/82	0	1	
YOSE0094	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/23/81-09/23/81	0	1	
YOSE0098	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/23/81-09/23/81	0	1	
YOSE0101	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/09/82-08/09/82	0	1	
YOSE0103	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/07/77-09/14/77	0	2	
YOSE0108	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/23/81-08/09/82	0	2	
YOSE0111	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/09/82-08/09/82	0	1	
YOSE0116	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/25/76-10/25/76	0	1	
YOSE0019	Yes	00065	STAGE, STREAM (FEET)	09/01/74-09/08/77	3	4	
YOSE0037	Yes	00065	STAGE, STREAM (FEET)	09/01/74-09/03/74	0	3	
YOSE0047	Yes	00065	STAGE, STREAM (FEET)	07/11/75-11/21/84	9	34	
YOSE0048	Yes	00065	STAGE, STREAM (FEET)	05/08/74-06/10/80	6	30	
YOSE0061	Yes	00065	STAGE, STREAM (FEET)	08/17/77-09/29/77	0	2	
YOSE0074	Yes	00065	STAGE, STREAM (FEET)	08/17/77-09/29/77	0	2	
YOSE0086	Yes	00065	STAGE, STREAM (FEET)	08/09/77-10/21/86	9	24	
YOSE0018	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/30/73-07/28/77	4	15	
YOSE0029	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/12/77-08/12/77	0	1	
YOSE0038	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/10/76-07/28/77	0	4	
YOSE0040	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/30/73-09/04/73	0	9	
YOSE0047	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/03/73-07/28/77	4	9	
YOSE0051	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/11/76-08/11/77	0	2	
YOSE0061	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/17/77-09/29/77	0	3	
YOSE0074	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/17/77-09/29/77	0	2	
YOSE0117	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/27/78-09/01/78	0	2	
YOSE0019	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/07/77-09/08/77	0	2	
YOSE0033	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/07/77-09/08/77	0	2	
YOSE0038	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/07/77-09/08/77	0	2	
YOSE0047	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/07/77-05/28/92	14	41	
YOSE0048	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/07/77-09/08/77	0	2	
YOSE0002	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/29/85-09/29/85	0	1	
YOSE0008	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/29/85-09/29/85	0	1	
YOSE0025	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/85-09/24/85	0	1	
YOSE0031	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/12/77-08/12/77	0	1	
YOSE0052	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/11/77-08/11/77	0	1	
YOSE0065	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/85-09/24/85	0	1	
YOSE0082	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/85-09/24/85	0	1	
YOSE0104	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/85-09/24/85	0	1	
YOSE0114	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/17/85-10/17/85	0	1	
YOSE0117	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/20/77-08/14/80	3	4	
YOSE0118	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/03/85-10/03/85	0	1	
YOSE0120	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/85-09/24/85	0	1	
YOSE0121	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/03/85-10/03/85	0	1	
YOSE0122	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/10/75-09/22/76	1	3	
YOSE0123	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/03/85-10/03/85	0	1	
YOSE0002	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/29/85-09/29/85	0	1	
YOSE0008	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/29/85-09/29/85	0	1	
YOSE0025	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/24/85-09/24/85	0	1	
YOSE0065	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/24/85-09/24/85	0	1	
YOSE0082	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/24/85-09/24/85	0	1	
YOSE0104	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/24/85-09/24/85	0	1	
YOSE0114	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/17/85-10/17/85	0	1	
YOSE0118	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/03/85-10/03/85	0	1	
YOSE0120	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/24/85-09/24/85	0	1	
YOSE0121	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/03/85-10/03/85	0	1	
YOSE0123	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/03/85-10/03/85	0	1	
YOSE0010	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/06/76-07/06/76	0	1	
YOSE0019	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/03/73-01/12/88	14	15	
YOSE0033	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/08/74-11/08/88	14	8	
YOSE0037	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/03/73-09/03/74	1	8	
YOSE0048	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/03/73-06/10/80	6	40	
YOSE0086	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	06/05/74-10/21/86	12	33	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0103	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/14/77-09/14/77	0	1	
YOSE0117	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/20/77-07/27/78	1	5	
YOSE0122	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/75-09/22/76	1	5	
YOSE0001	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/82-09/12/83	1	2	
YOSE0002	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/85-09/29/85	0	1	
YOSE0003	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/91-09/18/91	0	2	
YOSE0004	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/91-09/05/91	0	1	
YOSE0005	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/91-09/18/91	0	2	
YOSE0007	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/81-09/12/83	2	2	
YOSE0008	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/85-09/29/85	0	1	
YOSE0009	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/91-09/01/91	0	1	
YOSE0010	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/76-07/06/76	0	1	
YOSE0011	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/72-12/01/77	5	60	
YOSE0019	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/72-01/12/88	15	18	
YOSE0022	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/81-08/17/82	0	2	
YOSE0023	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/81-08/17/82	0	2	
YOSE0025	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/85-09/24/85	0	1	
YOSE0026	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/82-08/13/82	0	1	
YOSE0029	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/12/77-08/12/77	0	1	
YOSE0030	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/82-08/13/82	0	1	
YOSE0031	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/12/77-08/12/77	0	10	
YOSE0032	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/81-08/17/82	0	2	
YOSE0033	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/73-04/10/84	11	7	
YOSE0034	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/81-08/17/82	0	2	
YOSE0036	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/73-04/20/73	0	1	
YOSE0037	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/72-09/03/74	1	11	
YOSE0038	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/73-11/30/77	4	41	
YOSE0039	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/72-09/03/74	1	35	
YOSE0041	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/82-08/17/82	0	1	
YOSE0046	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/83-09/16/83	0	1	
YOSE0047	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	25	313	T,A,S
YOSE0048	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/72-06/10/80	7	35	
YOSE0050	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/83-09/16/83	0	1	
YOSE0051	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/11/76-08/11/77	0	37	
YOSE0053	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/81-08/12/82	0	2	
YOSE0055	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/81-09/16/83	2	47	
YOSE0057	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/81-08/12/82	0	2	
YOSE0061	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/77-09/29/77	0	2	
YOSE0062	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/81-08/16/82	0	2	
YOSE0065	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/85-09/24/85	0	1	
YOSE0066	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/81-08/10/82	0	2	
YOSE0070	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/83-09/15/83	0	1	
YOSE0071	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/81-09/13/83	2	3	
YOSE0072	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/77-09/29/77	0	2	
YOSE0077	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/11/82-08/11/82	0	1	
YOSE0080	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/83-09/15/83	0	1	
YOSE0081	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/81-09/15/83	2	2	
YOSE0082	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/85-09/24/85	0	1	
YOSE0083	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/81-08/26/81	0	9	
YOSE0084	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/83-09/15/83	0	1	
YOSE0085	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/81-08/11/82	0	2	
YOSE0086	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/74-10/21/86	12	30	
YOSE0087	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/11/82-08/11/82	0	1	
YOSE0090	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	09/15/83-09/15/83	0	1	

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Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0091	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/81-08/27/81	0	1	
YOSE0093	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/83-09/14/83	0	1	
YOSE0094	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/81-08/10/82	0	2	
YOSE0097	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/83-09/14/83	0	1	
YOSE0098	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/82-08/09/82	0	1	
YOSE0103	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/77-09/14/77	0	2	
YOSE0104	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/85-09/24/85	0	1	
YOSE0106	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/14/77-07/14/77	0	1	
YOSE0107	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/14/77-07/14/77	0	1	
YOSE0108	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/81-08/09/82	0	2	
YOSE0109	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/83-09/14/83	0	1	
YOSE0111	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/82-08/09/82	0	1	
YOSE0112	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/76-10/25/76	0	1	
YOSE0113	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/83-09/14/83	0	1	
YOSE0114	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/85-10/17/85	0	1	
YOSE0115	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/83-09/14/83	0	1	
YOSE0116	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/76-10/25/76	0	1	
YOSE0118	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/85-10/03/85	0	1	
YOSE0120	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/85-09/24/85	0	1	
YOSE0121	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/85-10/03/85	0	1	
YOSE0123	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/85-10/03/85	0	1	
YOSE0002	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/29/85-09/29/85	0	1	
YOSE0008	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/29/85-09/29/85	0	1	
YOSE0025	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/24/85-09/24/85	0	1	
YOSE0065	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/24/85-09/24/85	0	1	
YOSE0082	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/24/85-09/24/85	0	1	
YOSE0104	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/24/85-09/24/85	0	1	
YOSE0114	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/17/85-10/17/85	0	1	
YOSE0118	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/03/85-10/03/85	0	1	
YOSE0120	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/24/85-09/24/85	0	1	
YOSE0121	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/03/85-10/03/85	0	1	
YOSE0123	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/03/85-10/03/85	0	1	
YOSE0001	No	00300	OXYGEN, DISSOLVED MG/L	08/18/82-09/12/83	1	2	
YOSE0007	Yes	00300	OXYGEN, DISSOLVED MG/L	08/18/81-09/12/83	2	2	
YOSE0010	Yes	00300	OXYGEN, DISSOLVED MG/L	07/06/76-07/06/76	0	1	
YOSE0011	Yes	00300	OXYGEN, DISSOLVED MG/L	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00300	OXYGEN, DISSOLVED MG/L	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00300	OXYGEN, DISSOLVED MG/L	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00300	OXYGEN, DISSOLVED MG/L	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00300	OXYGEN, DISSOLVED MG/L	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00300	OXYGEN, DISSOLVED MG/L	08/12/82-08/12/82	0	5	
YOSE0017	Yes	00300	OXYGEN, DISSOLVED MG/L	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00300	OXYGEN, DISSOLVED MG/L	04/23/73-12/01/77	4	47	
YOSE0019	Yes	00300	OXYGEN, DISSOLVED MG/L	07/04/73-01/12/88	14	11	
YOSE0022	Yes	00300	OXYGEN, DISSOLVED MG/L	08/18/81-08/17/82	0	2	
YOSE0023	No	00300	OXYGEN, DISSOLVED MG/L	08/20/81-08/17/82	0	2	
YOSE0026	Yes	00300	OXYGEN, DISSOLVED MG/L	08/13/82-08/13/82	0	1	
YOSE0030	Yes	00300	OXYGEN, DISSOLVED MG/L	08/13/82-08/13/82	0	1	
YOSE0031	Yes	00300	OXYGEN, DISSOLVED MG/L	08/12/77-08/12/77	0	10	
YOSE0032	Yes	00300	OXYGEN, DISSOLVED MG/L	08/19/81-08/17/82	0	2	
YOSE0033	Yes	00300	OXYGEN, DISSOLVED MG/L	05/08/74-11/08/88	14	8	
YOSE0034	Yes	00300	OXYGEN, DISSOLVED MG/L	08/18/81-08/17/82	0	2	
YOSE0037	Yes	00300	OXYGEN, DISSOLVED MG/L	07/04/74-07/04/74	0	1	
YOSE0038	Yes	00300	OXYGEN, DISSOLVED MG/L	05/08/74-11/30/77	3	37	
YOSE0039	Yes	00300	OXYGEN, DISSOLVED MG/L	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00300	OXYGEN, DISSOLVED MG/L	05/30/73-09/02/74	1	15	
YOSE0041	Yes	00300	OXYGEN, DISSOLVED MG/L	08/17/82-08/17/82	0	1	
YOSE0046	Yes	00300	OXYGEN, DISSOLVED MG/L	09/16/83-09/16/83	0	1	
YOSE0047	Yes	00300	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	25	281	T,A,S
YOSE0048	Yes	00300	OXYGEN, DISSOLVED MG/L	07/04/73-06/10/80	6	34	
YOSE0050	Yes	00300	OXYGEN, DISSOLVED MG/L	09/16/83-09/16/83	0	1	
YOSE0052	Yes	00300	OXYGEN, DISSOLVED MG/L	11/11/76-08/11/77	0	37	
YOSE0053	Yes	00300	OXYGEN, DISSOLVED MG/L	08/12/82-08/12/82	0	1	
YOSE0055	Yes	00300	OXYGEN, DISSOLVED MG/L	08/26/81-09/16/83	2	47	
YOSE0057	Yes	00300	OXYGEN, DISSOLVED MG/L	08/12/82-08/12/82	0	1	
YOSE0061	Yes	00300	OXYGEN, DISSOLVED MG/L	08/17/77-09/29/77	0	2	
YOSE0062	Yes	00300	OXYGEN, DISSOLVED MG/L	08/19/81-08/16/82	0	2	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0066	Yes	00300	OXYGEN, DISSOLVED MG/L	08/10/82-08/10/82	0	1	
YOSE0067	Yes	00300	OXYGEN, DISSOLVED MG/L	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00300	OXYGEN, DISSOLVED MG/L	08/26/81-08/26/81	0	4	
YOSE0069	Yes	00300	OXYGEN, DISSOLVED MG/L	08/10/82-08/10/82	0	1	
YOSE0070	Yes	00300	OXYGEN, DISSOLVED MG/L	09/15/83-09/15/83	0	1	
YOSE0071	Yes	00300	OXYGEN, DISSOLVED MG/L	08/21/81-09/13/83	2	3	
YOSE0072	Yes	00300	OXYGEN, DISSOLVED MG/L	08/21/81-08/28/81	0	4	
YOSE0073	Yes	00300	OXYGEN, DISSOLVED MG/L	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00300	OXYGEN, DISSOLVED MG/L	08/17/77-09/29/77	0	2	
YOSE0077	Yes	00300	OXYGEN, DISSOLVED MG/L	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00300	OXYGEN, DISSOLVED MG/L	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00300	OXYGEN, DISSOLVED MG/L	08/11/82-08/11/82	0	1	
YOSE0080	Yes	00300	OXYGEN, DISSOLVED MG/L	09/15/83-09/15/83	0	1	
YOSE0081	Yes	00300	OXYGEN, DISSOLVED MG/L	08/27/81-09/15/83	2	19	
YOSE0083	Yes	00300	OXYGEN, DISSOLVED MG/L	08/26/81-08/26/81	0	8	
YOSE0084	Yes	00300	OXYGEN, DISSOLVED MG/L	09/15/83-09/15/83	0	1	
YOSE0085	Yes	00300	OXYGEN, DISSOLVED MG/L	08/20/81-08/11/82	0	2	
YOSE0086	Yes	00300	OXYGEN, DISSOLVED MG/L	07/12/73-10/21/86	13	34	
YOSE0087	Yes	00300	OXYGEN, DISSOLVED MG/L	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00300	OXYGEN, DISSOLVED MG/L	08/10/82-08/10/82	0	1	
YOSE0089	Yes	00300	OXYGEN, DISSOLVED MG/L	08/11/82-08/11/82	0	1	
YOSE0090	Yes	00300	OXYGEN, DISSOLVED MG/L	09/15/83-09/15/83	0	1	
YOSE0091	Yes	00300	OXYGEN, DISSOLVED MG/L	08/20/81-08/20/81	0	5	
YOSE0092	Yes	00300	OXYGEN, DISSOLVED MG/L	08/27/81-08/27/81	0	1	
YOSE0093	Yes	00300	OXYGEN, DISSOLVED MG/L	09/14/83-09/14/83	0	1	
YOSE0094	Yes	00300	OXYGEN, DISSOLVED MG/L	08/10/82-08/10/82	0	1	
YOSE0095	Yes	00300	OXYGEN, DISSOLVED MG/L	08/10/82-08/10/82	0	1	
YOSE0096	Yes	00300	OXYGEN, DISSOLVED MG/L	08/10/82-08/10/82	0	1	
YOSE0097	Yes	00300	OXYGEN, DISSOLVED MG/L	09/14/83-09/14/83	0	1	
YOSE0098	Yes	00300	OXYGEN, DISSOLVED MG/L	08/09/82-08/09/82	0	1	
YOSE0101	Yes	00300	OXYGEN, DISSOLVED MG/L	08/09/82-08/09/82	0	1	
YOSE0102	Yes	00300	OXYGEN, DISSOLVED MG/L	08/09/82-08/09/82	0	1	
YOSE0103	Yes	00300	OXYGEN, DISSOLVED MG/L	06/07/77-09/14/77	0	2	
YOSE0108	Yes	00300	OXYGEN, DISSOLVED MG/L	08/09/82-08/09/82	0	1	
YOSE0109	Yes	00300	OXYGEN, DISSOLVED MG/L	09/14/83-09/14/83	0	1	
YOSE0111	Yes	00300	OXYGEN, DISSOLVED MG/L	08/09/82-08/09/82	0	1	
YOSE0113	Yes	00300	OXYGEN, DISSOLVED MG/L	09/14/83-09/14/83	0	1	
YOSE0115	Yes	00300	OXYGEN, DISSOLVED MG/L	09/14/83-09/14/83	0	1	
YOSE0117	No	00300	OXYGEN, DISSOLVED MG/L	06/20/77-08/14/80	3	7	
YOSE0122	No	00300	OXYGEN, DISSOLVED MG/L	07/10/75-09/22/76	1	5	
YOSE0001	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/18/82-08/18/82	0	1	
YOSE0011	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/19/82-08/19/82	0	1	
YOSE0012	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/18/82-08/18/82	0	1	
YOSE0013	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/19/82-08/19/82	0	1	
YOSE0014	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/18/82-08/18/82	0	1	
YOSE0016	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/18/82-08/18/82	0	1	
YOSE0018	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/28/77-11/30/77	0	12	
YOSE0022	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/17/82-08/17/82	0	1	
YOSE0023	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/17/82-08/17/82	0	1	
YOSE0026	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/13/82-08/13/82	0	1	
YOSE0030	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/13/82-08/13/82	0	1	
YOSE0031	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/12/77-08/12/77	0	10	
YOSE0032	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/17/82-08/17/82	0	1	
YOSE0034	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/17/82-08/17/82	0	1	
YOSE0038	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/23/75-11/30/77	2	26	
YOSE0039	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/16/82-08/16/82	0	1	
YOSE0041	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/17/82-08/17/82	0	1	
YOSE0047	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/77-01/31/86	8	25	
YOSE0052	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/11/76-08/11/77	0	37	
YOSE0053	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/12/82-08/12/82	0	1	
YOSE0055	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/12/82-08/12/82	0	1	
YOSE0057	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/12/82-08/12/82	0	1	
YOSE0062	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/16/82-08/16/82	0	1	
YOSE0066	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/82-08/10/82	0	1	
YOSE0067	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/82-08/10/82	0	1	
YOSE0069	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/82-08/10/82	0	1	
YOSE0071	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/12/82-08/12/82	0	1	
YOSE0073	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/82-08/10/82	0	1	
YOSE0078	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/11/82-08/11/82	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0085	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/11/82-08/11/82	0	1	
YOSE0087	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/11/82-08/11/82	0	1	
YOSE0088	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/82-08/10/82	0	1	
YOSE0089	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/11/82-08/11/82	0	1	
YOSE0094	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/82-08/10/82	0	1	
YOSE0095	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/82-08/10/82	0	1	
YOSE0096	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/82-08/10/82	0	1	
YOSE0098	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/09/82-08/09/82	0	1	
YOSE0101	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/09/82-08/09/82	0	1	
YOSE0102	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/09/82-08/09/82	0	1	
YOSE0108	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/09/82-08/09/82	0	1	
YOSE0111	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/09/82-08/09/82	0	1	
YOSE0018	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/21/73-02/21/73	0	1	
YOSE0019	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/21/73-09/08/77	4	5	
YOSE0033	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/21/73-09/08/77	4	5	
YOSE0038	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/21/73-09/08/77	4	5	
YOSE0047	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/20/69-06/10/80	11	37	
YOSE0048	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	02/21/73-06/10/80	7	11	
YOSE0086	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/74-06/09/81	6	11	
YOSE0103	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	06/07/77-09/14/77	0	2	
YOSE0019	Yes	00335	COD, .025N K2CR2O7 MG/L	11/05/75-09/08/77	1	3	
YOSE0033	Yes	00335	COD, .025N K2CR2O7 MG/L	11/04/75-09/08/77	1	3	
YOSE0038	Yes	00335	COD, .025N K2CR2O7 MG/L	11/04/75-09/08/77	1	3	
YOSE0047	Yes	00335	COD, .025N K2CR2O7 MG/L	11/04/75-06/10/80	4	10	
YOSE0048	Yes	00335	COD, .025N K2CR2O7 MG/L	11/04/75-06/10/80	4	10	
YOSE0086	Yes	00335	COD, .025N K2CR2O7 MG/L	06/04/75-06/09/81	6	11	
YOSE0103	Yes	00335	COD, .025N K2CR2O7 MG/L	06/07/77-09/14/77	0	2	
YOSE0001	No	00400	PH (STANDARD UNITS)	08/18/82-09/12/83	1	2	
YOSE0003	No	00400	PH (STANDARD UNITS)	09/05/91-09/18/91	0	2	
YOSE0004	No	00400	PH (STANDARD UNITS)	09/05/91-09/05/91	0	1	
YOSE0005	No	00400	PH (STANDARD UNITS)	09/05/91-09/18/91	0	2	
YOSE0007	Yes	00400	PH (STANDARD UNITS)	08/18/81-09/12/83	2	2	
YOSE0009	Yes	00400	PH (STANDARD UNITS)	09/01/91-09/01/91	0	1	
YOSE0010	Yes	00400	PH (STANDARD UNITS)	07/06/76-07/06/76	0	1	
YOSE0011	Yes	00400	PH (STANDARD UNITS)	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00400	PH (STANDARD UNITS)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00400	PH (STANDARD UNITS)	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00400	PH (STANDARD UNITS)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00400	PH (STANDARD UNITS)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00400	PH (STANDARD UNITS)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00400	PH (STANDARD UNITS)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00400	PH (STANDARD UNITS)	10/05/72-12/01/77	5	54	
YOSE0019	Yes	00400	PH (STANDARD UNITS)	07/03/73-01/12/88	14	14	
YOSE0022	Yes	00400	PH (STANDARD UNITS)	08/18/81-08/17/82	0	2	
YOSE0023	No	00400	PH (STANDARD UNITS)	08/20/81-08/17/82	0	2	
YOSE0026	Yes	00400	PH (STANDARD UNITS)	08/13/82-08/13/82	0	1	
YOSE0029	Yes	00400	PH (STANDARD UNITS)	08/12/77-08/12/77	0	1	
YOSE0031	Yes	00400	PH (STANDARD UNITS)	08/12/77-08/12/77	0	2	
YOSE0032	Yes	00400	PH (STANDARD UNITS)	08/19/81-08/17/82	0	2	
YOSE0033	Yes	00400	PH (STANDARD UNITS)	05/08/74-11/08/88	14	8	
YOSE0034	Yes	00400	PH (STANDARD UNITS)	08/18/81-08/17/82	0	2	
YOSE0036	Yes	00400	PH (STANDARD UNITS)	04/20/73-04/20/73	0	1	
YOSE0037	Yes	00400	PH (STANDARD UNITS)	07/03/73-09/03/74	1	8	
YOSE0038	Yes	00400	PH (STANDARD UNITS)	05/08/74-11/30/77	3	40	
YOSE0039	Yes	00400	PH (STANDARD UNITS)	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00400	PH (STANDARD UNITS)	10/05/72-09/03/74	1	26	
YOSE0041	Yes	00400	PH (STANDARD UNITS)	08/17/82-08/17/82	0	1	
YOSE0046	Yes	00400	PH (STANDARD UNITS)	09/16/83-09/16/83	0	1	
YOSE0047	Yes	00400	PH (STANDARD UNITS)	03/12/68-11/18/92	24	302	T,A,S
YOSE0048	Yes	00400	PH (STANDARD UNITS)	07/03/73-06/10/80	6	40	
YOSE0050	Yes	00400	PH (STANDARD UNITS)	09/16/83-09/16/83	0	1	
YOSE0051	Yes	00400	PH (STANDARD UNITS)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00400	PH (STANDARD UNITS)	11/11/76-08/11/77	0	37	
YOSE0053	Yes	00400	PH (STANDARD UNITS)	08/26/81-08/12/82	0	2	
YOSE0055	Yes	00400	PH (STANDARD UNITS)	08/26/81-09/16/83	2	3	
YOSE0057	Yes	00400	PH (STANDARD UNITS)	08/26/81-08/12/82	0	2	
YOSE0061	Yes	00400	PH (STANDARD UNITS)	08/17/77-09/29/77	0	3	
YOSE0062	Yes	00400	PH (STANDARD UNITS)	08/19/81-08/16/82	0	2	
YOSE0066	Yes	00400	PH (STANDARD UNITS)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00400	PH (STANDARD UNITS)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00400	PH (STANDARD UNITS)	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00400	PH (STANDARD UNITS)	08/26/81-08/10/82	0	2	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0070	Yes	00400	PH (STANDARD UNITS)	09/15/83-09/15/83	0	1	
YOSE0071	Yes	00400	PH (STANDARD UNITS)	08/21/81-09/13/83	2	3	
YOSE0072	Yes	00400	PH (STANDARD UNITS)	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00400	PH (STANDARD UNITS)	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00400	PH (STANDARD UNITS)	08/17/77-09/29/77	0	2	
YOSE0077	Yes	00400	PH (STANDARD UNITS)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00400	PH (STANDARD UNITS)	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00400	PH (STANDARD UNITS)	08/11/82-08/11/82	0	1	
YOSE0080	Yes	00400	PH (STANDARD UNITS)	09/15/83-09/15/83	0	2	
YOSE0081	Yes	00400	PH (STANDARD UNITS)	08/27/81-09/15/83	2	2	
YOSE0083	Yes	00400	PH (STANDARD UNITS)	08/26/81-08/26/81	0	1	
YOSE0084	Yes	00400	PH (STANDARD UNITS)	09/15/83-09/15/83	0	1	
YOSE0085	Yes	00400	PH (STANDARD UNITS)	08/20/81-08/11/82	0	2	
YOSE0086	Yes	00400	PH (STANDARD UNITS)	07/12/73-10/21/86	13	34	
YOSE0087	Yes	00400	PH (STANDARD UNITS)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00400	PH (STANDARD UNITS)	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00400	PH (STANDARD UNITS)	08/11/82-08/11/82	0	1	
YOSE0090	Yes	00400	PH (STANDARD UNITS)	09/15/83-09/15/83	0	1	
YOSE0091	Yes	00400	PH (STANDARD UNITS)	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00400	PH (STANDARD UNITS)	08/27/81-08/27/81	0	1	
YOSE0093	Yes	00400	PH (STANDARD UNITS)	09/14/83-09/14/83	0	1	
YOSE0094	Yes	00400	PH (STANDARD UNITS)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00400	PH (STANDARD UNITS)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00400	PH (STANDARD UNITS)	09/23/81-08/10/82	0	2	
YOSE0097	Yes	00400	PH (STANDARD UNITS)	09/14/83-09/14/83	0	1	
YOSE0098	Yes	00400	PH (STANDARD UNITS)	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00400	PH (STANDARD UNITS)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00400	PH (STANDARD UNITS)	08/09/82-08/09/82	0	1	
YOSE0103	Yes	00400	PH (STANDARD UNITS)	06/07/77-09/14/77	0	2	
YOSE0108	Yes	00400	PH (STANDARD UNITS)	09/23/81-08/09/82	0	2	
YOSE0109	Yes	00400	PH (STANDARD UNITS)	09/14/83-09/14/83	0	1	
YOSE0111	Yes	00400	PH (STANDARD UNITS)	08/09/82-08/09/82	0	1	
YOSE0113	Yes	00400	PH (STANDARD UNITS)	09/14/83-09/14/83	0	1	
YOSE0115	Yes	00400	PH (STANDARD UNITS)	09/14/83-09/14/83	0	1	
YOSE0117	No	00400	PH (STANDARD UNITS)	06/20/77-08/14/80	3	8	
YOSE0122	No	00400	PH (STANDARD UNITS)	07/10/75-08/20/80	5	7	
YOSE0001	No	00403	PH, LAB, STANDARD UNITS SU	08/18/82-09/12/83	1	2	
YOSE0002	No	00403	PH, LAB, STANDARD UNITS SU	09/29/85-09/29/85	0	1	
YOSE0003	No	00403	PH, LAB, STANDARD UNITS SU	09/05/91-09/05/91	0	1	
YOSE0004	No	00403	PH, LAB, STANDARD UNITS SU	09/05/91-09/05/91	0	1	
YOSE0005	No	00403	PH, LAB, STANDARD UNITS SU	09/05/91-09/05/91	0	1	
YOSE0007	Yes	00403	PH, LAB, STANDARD UNITS SU	08/18/81-09/12/83	2	2	
YOSE0008	No	00403	PH, LAB, STANDARD UNITS SU	09/29/85-09/29/85	0	1	
YOSE0009	Yes	00403	PH, LAB, STANDARD UNITS SU	09/01/91-09/01/91	0	1	
YOSE0010	Yes	00403	PH, LAB, STANDARD UNITS SU	07/06/76-07/06/76	0	1	
YOSE0011	Yes	00403	PH, LAB, STANDARD UNITS SU	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00403	PH, LAB, STANDARD UNITS SU	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00403	PH, LAB, STANDARD UNITS SU	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00403	PH, LAB, STANDARD UNITS SU	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00403	PH, LAB, STANDARD UNITS SU	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00403	PH, LAB, STANDARD UNITS SU	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00403	PH, LAB, STANDARD UNITS SU	08/18/81-08/18/82	1	2	
YOSE0019	Yes	00403	PH, LAB, STANDARD UNITS SU	10/05/72-01/12/88	15	18	
YOSE0020	Yes	00403	PH, LAB, STANDARD UNITS SU	08/04/91-08/04/91	0	1	
YOSE0021	Yes	00403	PH, LAB, STANDARD UNITS SU	08/04/91-08/04/91	0	1	
YOSE0022	Yes	00403	PH, LAB, STANDARD UNITS SU	08/18/81-08/17/82	0	2	
YOSE0023	No	00403	PH, LAB, STANDARD UNITS SU	08/20/81-08/17/82	0	2	
YOSE0024	Yes	00403	PH, LAB, STANDARD UNITS SU	08/01/91-08/01/91	0	1	
YOSE0025	Yes	00403	PH, LAB, STANDARD UNITS SU	09/24/85-09/24/85	0	1	
YOSE0026	Yes	00403	PH, LAB, STANDARD UNITS SU	08/13/82-08/13/82	0	1	
YOSE0027	Yes	00403	PH, LAB, STANDARD UNITS SU	08/01/91-08/01/91	0	2	
YOSE0028	Yes	00403	PH, LAB, STANDARD UNITS SU	08/01/91-08/01/91	0	1	
YOSE0030	Yes	00403	PH, LAB, STANDARD UNITS SU	08/13/82-08/13/82	0	1	
YOSE0032	Yes	00403	PH, LAB, STANDARD UNITS SU	08/19/81-08/17/82	0	2	
YOSE0033	Yes	00403	PH, LAB, STANDARD UNITS SU	02/21/73-04/10/84	11	7	
YOSE0034	Yes	00403	PH, LAB, STANDARD UNITS SU	08/18/81-08/17/82	0	2	
YOSE0037	Yes	00403	PH, LAB, STANDARD UNITS SU	10/05/72-09/03/74	1	11	
YOSE0039	Yes	00403	PH, LAB, STANDARD UNITS SU	08/19/81-08/16/82	0	2	
YOSE0041	Yes	00403	PH, LAB, STANDARD UNITS SU	08/17/82-08/17/82	0	1	
YOSE0046	Yes	00403	PH, LAB, STANDARD UNITS SU	09/16/83-09/16/83	0	1	
YOSE0047	Yes	00403	PH, LAB, STANDARD UNITS SU	10/31/80-05/28/92	11	62	
YOSE0048	Yes	00403	PH, LAB, STANDARD UNITS SU	10/05/72-06/10/80	7	36	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0050	Yes	00403	PH, LAB, STANDARD UNITS SU	09/16/83-09/16/83	0	1	
YOSE0053	Yes	00403	PH, LAB, STANDARD UNITS SU	08/26/81-08/12/82	0	2	
YOSE0054	Yes	00403	PH, LAB, STANDARD UNITS SU	08/02/91-08/02/91	0	1	
YOSE0055	Yes	00403	PH, LAB, STANDARD UNITS SU	08/26/81-09/16/83	2	3	
YOSE0056	Yes	00403	PH, LAB, STANDARD UNITS SU	08/02/91-08/02/91	0	1	
YOSE0057	Yes	00403	PH, LAB, STANDARD UNITS SU	08/26/81-08/12/82	0	2	
YOSE0058	Yes	00403	PH, LAB, STANDARD UNITS SU	08/02/91-08/02/91	0	1	
YOSE0062	Yes	00403	PH, LAB, STANDARD UNITS SU	08/19/81-08/16/82	0	2	
YOSE0063	Yes	00403	PH, LAB, STANDARD UNITS SU	08/02/91-08/02/91	0	1	
YOSE0064	Yes	00403	PH, LAB, STANDARD UNITS SU	08/02/91-08/02/91	0	1	
YOSE0065	Yes	00403	PH, LAB, STANDARD UNITS SU	09/24/85-09/24/85	0	1	
YOSE0066	Yes	00403	PH, LAB, STANDARD UNITS SU	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00403	PH, LAB, STANDARD UNITS SU	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00403	PH, LAB, STANDARD UNITS SU	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00403	PH, LAB, STANDARD UNITS SU	08/26/81-08/10/82	0	2	
YOSE0070	Yes	00403	PH, LAB, STANDARD UNITS SU	09/15/83-09/15/83	0	1	
YOSE0071	Yes	00403	PH, LAB, STANDARD UNITS SU	08/21/81-09/13/83	2	3	
YOSE0072	Yes	00403	PH, LAB, STANDARD UNITS SU	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00403	PH, LAB, STANDARD UNITS SU	08/10/82-08/10/82	0	1	
YOSE0077	Yes	00403	PH, LAB, STANDARD UNITS SU	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00403	PH, LAB, STANDARD UNITS SU	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00403	PH, LAB, STANDARD UNITS SU	08/11/82-08/11/82	0	1	
YOSE0080	Yes	00403	PH, LAB, STANDARD UNITS SU	09/15/83-09/15/83	0	1	
YOSE0081	Yes	00403	PH, LAB, STANDARD UNITS SU	08/27/81-09/15/83	2	2	
YOSE0082	Yes	00403	PH, LAB, STANDARD UNITS SU	09/24/85-09/24/85	0	1	
YOSE0083	Yes	00403	PH, LAB, STANDARD UNITS SU	08/26/81-08/26/81	0	1	
YOSE0084	Yes	00403	PH, LAB, STANDARD UNITS SU	09/15/83-09/15/83	0	1	
YOSE0085	Yes	00403	PH, LAB, STANDARD UNITS SU	08/20/81-08/11/82	0	2	
YOSE0086	Yes	00403	PH, LAB, STANDARD UNITS SU	09/11/74-10/21/86	12	30	
YOSE0087	Yes	00403	PH, LAB, STANDARD UNITS SU	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00403	PH, LAB, STANDARD UNITS SU	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00403	PH, LAB, STANDARD UNITS SU	08/11/82-08/11/82	0	1	
YOSE0090	Yes	00403	PH, LAB, STANDARD UNITS SU	09/15/83-09/15/83	0	1	
YOSE0091	Yes	00403	PH, LAB, STANDARD UNITS SU	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00403	PH, LAB, STANDARD UNITS SU	08/27/81-08/27/81	0	1	
YOSE0093	Yes	00403	PH, LAB, STANDARD UNITS SU	09/14/83-09/14/83	0	1	
YOSE0094	Yes	00403	PH, LAB, STANDARD UNITS SU	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00403	PH, LAB, STANDARD UNITS SU	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00403	PH, LAB, STANDARD UNITS SU	09/23/81-08/10/82	0	2	
YOSE0097	Yes	00403	PH, LAB, STANDARD UNITS SU	09/14/83-09/14/83	0	1	
YOSE0098	Yes	00403	PH, LAB, STANDARD UNITS SU	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00403	PH, LAB, STANDARD UNITS SU	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00403	PH, LAB, STANDARD UNITS SU	08/09/82-08/09/82	0	1	
YOSE0103	Yes	00403	PH, LAB, STANDARD UNITS SU	06/07/77-09/14/77	0	2	
YOSE0104	Yes	00403	PH, LAB, STANDARD UNITS SU	09/24/85-09/24/85	0	1	
YOSE0106	Yes	00403	PH, LAB, STANDARD UNITS SU	07/14/77-07/14/77	0	1	
YOSE0107	No	00403	PH, LAB, STANDARD UNITS SU	07/14/77-07/14/77	0	1	
YOSE0108	Yes	00403	PH, LAB, STANDARD UNITS SU	09/23/81-08/09/82	0	2	
YOSE0109	Yes	00403	PH, LAB, STANDARD UNITS SU	09/14/83-09/14/83	0	1	
YOSE0111	Yes	00403	PH, LAB, STANDARD UNITS SU	08/09/82-08/09/82	0	1	
YOSE0112	No	00403	PH, LAB, STANDARD UNITS SU	10/25/76-10/25/76	0	1	
YOSE0113	Yes	00403	PH, LAB, STANDARD UNITS SU	09/14/83-09/14/83	0	1	
YOSE0114	Yes	00403	PH, LAB, STANDARD UNITS SU	10/17/85-10/17/85	0	1	
YOSE0115	Yes	00403	PH, LAB, STANDARD UNITS SU	09/14/83-09/14/83	0	1	
YOSE0116	No	00403	PH, LAB, STANDARD UNITS SU	10/25/76-10/25/76	0	1	
YOSE0118	Yes	00403	PH, LAB, STANDARD UNITS SU	10/03/85-10/03/85	0	1	
YOSE0120	Yes	00403	PH, LAB, STANDARD UNITS SU	09/24/85-09/24/85	0	1	
YOSE0121	Yes	00403	PH, LAB, STANDARD UNITS SU	10/03/85-10/03/85	0	1	
YOSE0123	Yes	00403	PH, LAB, STANDARD UNITS SU	10/03/85-10/03/85	0	1	
YOSE0001	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/82-08/18/82	0	1	
YOSE0007	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/81-08/18/81	0	1	
YOSE0011	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/05/72-07/28/77	4	33	
YOSE0022	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/81-08/17/82	0	2	
YOSE0023	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/20/81-08/17/82	0	2	
YOSE0026	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/13/82-08/13/82	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0029	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/77-08/12/77	0	1	
YOSE0031	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/77-08/12/77	0	1	
YOSE0032	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/19/81-08/17/82	0	2	
YOSE0034	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/81-08/17/82	0	2	
YOSE0036	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/20/73-04/20/73	0	1	
YOSE0038	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/23/75-07/28/77	1	12	
YOSE0039	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/05/72-09/03/74	1	25	
YOSE0041	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/82-08/17/82	0	1	
YOSE0047	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/19/71-03/10/78	6	74	A
YOSE0048	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/12/74-06/12/74	0	1	
YOSE0051	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	11/11/76-08/11/77	0	2	
YOSE0053	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/81-08/12/82	0	2	
YOSE0055	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/81-08/12/82	0	2	
YOSE0057	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/81-08/12/82	0	2	
YOSE0061	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/77-09/29/77	0	3	
YOSE0062	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/19/81-08/16/82	0	2	
YOSE0066	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/81-08/10/82	0	2	
YOSE0071	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/21/81-08/12/82	0	2	
YOSE0072	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/77-09/29/77	0	2	
YOSE0077	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/11/82-08/11/82	0	1	
YOSE0081	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/27/81-08/27/81	0	1	
YOSE0083	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/81-08/26/81	0	1	
YOSE0085	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/20/81-08/20/81	0	1	
YOSE0087	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/11/82-08/11/82	0	1	
YOSE0091	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/27/81-08/27/81	0	1	
YOSE0094	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/23/81-08/10/82	0	2	
YOSE0098	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/09/82-08/09/82	0	1	
YOSE0108	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/23/81-08/09/82	0	2	
YOSE0111	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/09/82-08/09/82	0	1	
YOSE0002	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/29/85-09/29/85	0	1	
YOSE0008	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/29/85-09/29/85	0	1	
YOSE0025	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/24/85-09/24/85	0	1	
YOSE0065	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/24/85-09/24/85	0	1	
YOSE0082	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/24/85-09/24/85	0	1	
YOSE0104	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/24/85-09/24/85	0	1	
YOSE0114	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/17/85-10/17/85	0	1	
YOSE0118	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/03/85-10/03/85	0	1	
YOSE0120	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/24/85-09/24/85	0	1	
YOSE0121	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/03/85-10/03/85	0	1	
YOSE0123	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/03/85-10/03/85	0	1	
YOSE0001	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/82-09/12/83	1	2	
YOSE0003	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/91-09/05/91	0	1	
YOSE0004	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/91-09/05/91	0	1	
YOSE0005	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/91-09/05/91	0	1	
YOSE0007	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/81-09/12/83	2	2	
YOSE0009	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/01/91-09/01/91	0	1	
YOSE0010	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/06/76-07/06/76	0	1	
YOSE0011	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/72-12/01/77	5	56	
YOSE0019	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/72-09/08/77	4	16	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0022	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/81-08/17/82	0	2	
YOSE0023	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/81-08/17/82	0	2	
YOSE0026	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/82-08/13/82	0	1	
YOSE0029	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/12/77-08/12/77	0	1	
YOSE0030	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/82-08/13/82	0	1	
YOSE0031	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/12/77-08/12/77	0	1	
YOSE0032	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/81-08/17/82	0	3	
YOSE0033	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/73-09/08/77	4	5	
YOSE0034	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/81-08/17/82	0	2	
YOSE0036	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/73-04/20/73	0	1	
YOSE0037	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/72-09/03/74	1	11	
YOSE0038	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/73-11/30/77	4	37	
YOSE0039	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/72-09/03/74	1	34	
YOSE0041	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/82-08/17/82	0	1	
YOSE0046	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/16/83-09/16/83	0	1	
YOSE0047	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	21	224	T,A,S
YOSE0048	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/72-10/10/78	6	37	
YOSE0050	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/16/83-09/16/83	0	1	
YOSE0051	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/11/76-08/11/77	0	2	
YOSE0053	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/81-08/12/82	0	2	
YOSE0055	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/81-09/16/83	2	3	
YOSE0057	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/81-08/12/82	0	2	
YOSE0061	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/77-09/29/77	0	3	
YOSE0062	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/81-08/16/82	0	2	
YOSE0066	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/81-08/10/82	0	2	
YOSE0070	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/83-09/15/83	0	1	
YOSE0071	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/81-09/13/83	2	3	
YOSE0072	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/77-09/29/77	0	2	
YOSE0077	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/11/82-08/11/82	0	1	
YOSE0080	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/83-09/15/83	0	1	
YOSE0081	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/27/81-09/15/83	2	2	
YOSE0083	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/81-08/26/81	0	1	
YOSE0084	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/83-09/15/83	0	1	
YOSE0085	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/81-08/11/82	0	2	
YOSE0086	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/74-10/10/78	4	15	
YOSE0087	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/11/82-08/11/82	0	1	
YOSE0090	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/83-09/15/83	0	1	
YOSE0091	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/27/81-08/27/81	0	1	
YOSE0093	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/14/83-09/14/83	0	1	
YOSE0094	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/23/81-08/10/82	0	2	
YOSE0097	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/14/83-09/14/83	0	1	
YOSE0098	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/82-08/09/82	0	1	
YOSE0103	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/77-09/14/77	0	2	
YOSE0106	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/77-07/14/77	0	1	
YOSE0107	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/77-07/14/77	0	1	
YOSE0108	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/23/81-08/09/82	0	2	
YOSE0109	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/14/83-09/14/83	0	1	
YOSE0111	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/82-08/09/82	0	1	
YOSE0112	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/25/76-10/25/76	0	1	
YOSE0113	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/14/83-09/14/83	0	1	
YOSE0115	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/14/83-09/14/83	0	1	
YOSE0116	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/25/76-10/25/76	0	1	
YOSE0117	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/80-07/24/80	0	1	
YOSE0122	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/30/80-07/30/80	0	1	
YOSE0047	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	11/18/85-07/19/88	2	11	
YOSE0018	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/05/72-07/28/77	4	40	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0029	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/12/77-08/12/77	0	1	
YOSE0031	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/12/77-08/12/77	0	1	
YOSE0036	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/20/73-04/20/73	0	1	
YOSE0038	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/23/75-07/28/77	1	12	
YOSE0040	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/05/72-09/03/74	1	34	
YOSE0047	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	03/12/68-03/10/78	9	102	A
YOSE0051	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	11/11/76-08/11/77	0	2	
YOSE0061	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/17/77-09/29/77	0	3	
YOSE0074	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/17/77-09/29/77	0	2	
YOSE0018	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/23/73-07/28/77	4	37	
YOSE0029	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/12/77-08/12/77	0	1	
YOSE0036	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/20/73-04/20/73	0	1	
YOSE0038	Yes	00445	CARBONATE ION (MG/L AS CO3)	11/10/76-07/28/77	0	3	
YOSE0040	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/20/73-09/03/74	1	33	
YOSE0047	Yes	00445	CARBONATE ION (MG/L AS CO3)	03/12/68-03/10/78	9	99	A
YOSE0051	Yes	00445	CARBONATE ION (MG/L AS CO3)	11/12/76-08/12/77	0	2	
YOSE0061	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/17/77-09/29/77	0	3	
YOSE0074	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/17/77-09/29/77	0	2	
YOSE0047	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	11/21/86-07/19/88	1	7	
YOSE0047	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	11/18/85-07/19/88	2	11	
YOSE0047	Yes	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	11/15/88-11/18/92	4	15	
YOSE0047	Yes	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/15/88-11/18/92	4	16	
YOSE0047	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/20/67-10/04/76	8	7	
YOSE0019	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/08/74-01/12/88	13	5	
YOSE0033	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/08/74-09/08/77	3	4	
YOSE0038	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/08/74-09/08/77	3	4	
YOSE0047	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/20/67-06/10/80	12	11	
YOSE0048	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/08/74-06/10/80	6	5	
YOSE0086	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/05/74-06/09/81	7	11	
YOSE0103	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/07/77-09/14/77	0	2	
YOSE0019	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/13/74-09/08/77	2	3	
YOSE0033	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/13/74-09/08/77	2	3	
YOSE0038	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/13/74-09/08/77	2	3	
YOSE0047	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/13/74-09/08/77	2	3	
YOSE0048	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/13/74-09/08/77	2	3	
YOSE0086	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/11/74-09/14/77	3	3	
YOSE0103	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/07/77-09/14/77	0	2	
YOSE0086	Yes	00545	RESIDUE, SETTLEABLE (ML/L)	06/06/77-09/14/77	0	2	
YOSE0103	Yes	00545	RESIDUE, SETTLEABLE (ML/L)	06/07/77-09/14/77	0	2	
YOSE0018	Yes	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	09/02/74-12/01/77	3	9	
YOSE0038	Yes	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	09/24/75-11/30/77	2	5	
YOSE0040	Yes	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	09/02/74-09/02/74	0	1	
YOSE0047	Yes	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/15/74-10/05/74	0	3	
YOSE0018	Yes	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	09/02/74-12/01/77	3	9	
YOSE0038	Yes	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	09/24/75-11/30/77	2	5	
YOSE0040	Yes	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	09/02/74-09/02/74	0	1	
YOSE0047	Yes	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/15/74-10/05/74	0	3	
YOSE0018	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	05/30/73-12/01/77	4	17	
YOSE0029	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/12/77-08/12/77	0	1	
YOSE0031	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/12/77-08/12/77	0	1	
YOSE0036	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	04/20/73-08/14/74	1	11	
YOSE0038	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	07/23/75-11/30/77	2	12	
YOSE0040	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	05/30/73-05/22/74	0	6	
YOSE0047	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	02/20/69-11/09/81	12	43	
YOSE0051	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	11/11/76-08/11/77	0	2	
YOSE0047	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	11/26/80-07/23/82	1	13	
YOSE0018	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/05/72-12/01/77	5	26	
YOSE0029	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/12/77-08/12/77	0	1	
YOSE0031	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/12/77-08/12/77	0	1	
YOSE0036	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/20/73-09/02/74	1	13	
YOSE0038	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/23/75-11/30/77	2	12	
YOSE0040	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/05/72-09/03/74	1	14	
YOSE0047	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	16	89	T,A
YOSE0051	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/11/76-08/11/77	0	2	
YOSE0018	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/22/74-05/22/74	0	1	
YOSE0019	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/22/74-05/22/74	0	1	
YOSE0035	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/22/74-06/11/74	0	2	
YOSE0036	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	02/21/74-08/14/74	0	4	
YOSE0037	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/22/74-05/22/74	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0040	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/22/74-05/22/74	0	1	
YOSE0047	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/23/74-07/23/82	8	16	
YOSE0048	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/03/74-07/04/74	0	2	
YOSE0018	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/22/74-07/05/74	0	4	
YOSE0036	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/21/74-08/14/74	0	6	
YOSE0040	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/22/74-07/05/74	0	4	
YOSE0047	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/20/70-05/28/92	21	88	T,S
YOSE0048	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/08/79-06/10/80	1	3	
YOSE0066	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/10/82-08/10/82	0	1	
YOSE0069	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/10/82-08/10/82	0	1	
YOSE0086	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/09/79-06/09/82	2	7	
YOSE0089	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/11/82-08/11/82	0	1	
YOSE0018	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/30/73-12/01/77	4	25	
YOSE0019	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/03/73-07/07/77	4	11	
YOSE0029	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/12/77-08/12/77	0	1	
YOSE0031	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/12/77-08/12/77	0	1	
YOSE0033	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/07/77-07/07/77	0	1	
YOSE0035	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/10/74-09/02/74	0	6	
YOSE0036	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/20/73-09/02/74	1	15	
YOSE0037	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/03/73-09/03/74	1	10	
YOSE0038	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/75-11/30/77	2	13	
YOSE0040	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/30/73-09/03/74	1	15	
YOSE0047	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	19	95	T,A,S
YOSE0048	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/03/73-12/13/78	5	32	
YOSE0051	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/11/76-11/11/76	0	1	
YOSE0054	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/02/91-08/02/91	0	1	
YOSE0056	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/02/91-08/02/91	0	1	
YOSE0086	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/77-11/08/78	1	12	
YOSE0103	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/07/77-09/14/77	0	2	
YOSE0106	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/77-07/14/77	0	1	
YOSE0107	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/76-07/14/77	0	3	
YOSE0112	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/76-10/25/76	0	1	
YOSE0116	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/76-10/25/76	0	1	
YOSE0117	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/77-08/27/80	3	6	
YOSE0119	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/17/74-10/09/75	0	14	
YOSE0122	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/30/80-09/02/80	0	2	
YOSE0018	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/02/73-09/03/74	1	6	
YOSE0019	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/21/73-11/05/75	2	7	
YOSE0033	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/21/73-11/04/75	2	3	
YOSE0035	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/22/74-08/14/74	0	3	
YOSE0036	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/03/73-09/02/74	0	6	
YOSE0037	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/22/74-09/03/74	0	4	
YOSE0040	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/02/73-09/03/74	1	7	
YOSE0047	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/02/73-05/28/92	18	34	
YOSE0048	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/21/73-11/04/75	2	7	
YOSE0086	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/12/73-09/14/77	4	5	
YOSE0103	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/14/77-09/14/77	0	1	
YOSE0018	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/16/74-05/22/74	0	2	
YOSE0036	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/07/73-08/14/74	1	5	
YOSE0040	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/15/74-05/22/74	0	2	
YOSE0047	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/23/74-05/28/92	18	34	
YOSE0117	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/24/80-08/27/80	0	2	
YOSE0122	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/30/80-09/02/80	0	2	
YOSE0018	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/05/72-09/03/74	1	10	
YOSE0019	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/05/72-07/07/77	4	11	
YOSE0020	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/91-08/04/91	0	1	
YOSE0021	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/91-08/04/91	0	1	
YOSE0024	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/01/91-08/01/91	0	1	
YOSE0027	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/01/91-08/01/91	0	2	
YOSE0028	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/01/91-08/01/91	0	1	
YOSE0033	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/21/73-07/07/77	4	5	
YOSE0035	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/22/74-08/14/74	0	3	
YOSE0036	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/03/73-09/02/74	0	6	
YOSE0037	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/05/72-09/03/74	1	7	
YOSE0038	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/21/73-07/07/77	4	5	
YOSE0040	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/05/72-09/03/74	1	9	
YOSE0047	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/70-08/03/91	20	39	
YOSE0048	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/05/72-12/13/78	6	33	
YOSE0054	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/91-08/02/91	0	1	
YOSE0056	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/91-08/02/91	0	1	
YOSE0058	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/91-08/02/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0063	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/91-08/02/91	0	1	
YOSE0064	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/91-08/02/91	0	1	
YOSE0086	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/12/73-11/08/78	5	17	
YOSE0103	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/07/77-09/14/77	0	2	
YOSE0106	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/14/77-07/14/77	0	1	
YOSE0107	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/76-07/14/77	0	3	
YOSE0112	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/76-10/25/76	0	1	
YOSE0116	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/76-10/25/76	0	1	
YOSE0018	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/16/74-05/22/74	0	2	
YOSE0036	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/07/73-08/14/74	1	5	
YOSE0040	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/15/74-05/22/74	0	2	
YOSE0047	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/23/74-11/15/77	3	27	
YOSE0117	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/20/77-08/27/80	3	6	
YOSE0122	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/10/75-09/02/80	5	7	
YOSE0018	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/22/74-05/22/74	0	1	
YOSE0036	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	02/21/74-08/14/74	0	4	
YOSE0040	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/22/74-05/22/74	0	1	
YOSE0047	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/23/74-07/17/91	17	25	
YOSE0047	Yes	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	11/26/80-09/21/82	1	21	
YOSE0018	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/30/73-12/01/77	4	22	
YOSE0029	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/77-08/12/77	0	1	
YOSE0031	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/77-08/12/77	0	1	
YOSE0036	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/73-09/02/74	1	13	
YOSE0038	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/73-11/30/77	4	17	
YOSE0040	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/30/73-09/03/74	1	12	
YOSE0047	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	22	132	T,A,S
YOSE0051	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/11/76-08/11/77	0	2	
YOSE0117	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/77-09/17/77	0	4	
YOSE0119	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/17/74-10/09/75	0	13	
YOSE0122	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/10/75-09/22/76	1	5	
YOSE0019	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/03/73-07/07/77	4	8	
YOSE0033	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/07/77-07/07/77	0	1	
YOSE0035	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	04/10/74-09/02/74	0	5	
YOSE0037	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/03/73-09/03/74	1	7	
YOSE0048	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/03/73-12/13/78	5	29	
YOSE0086	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	04/12/77-11/08/78	1	12	
YOSE0103	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	06/07/77-09/14/77	0	2	
YOSE0106	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/14/77-07/14/77	0	1	
YOSE0107	No	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/14/77-07/14/77	0	1	
YOSE0018	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/30/73-12/01/77	4	17	
YOSE0029	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/77-08/12/77	0	1	
YOSE0031	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/77-08/12/77	0	1	
YOSE0036	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/20/73-08/14/74	1	11	
YOSE0038	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/75-11/30/77	2	12	
YOSE0040	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/30/73-05/22/74	0	6	
YOSE0047	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	19	97	T,A,S
YOSE0051	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/11/76-08/11/77	0	2	
YOSE0054	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/91-08/02/91	0	1	
YOSE0056	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/91-08/02/91	0	1	
YOSE0119	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/17/74-10/09/75	0	14	
YOSE0001	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/82-09/12/83	1	2	
YOSE0003	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/05/91-09/05/91	0	1	
YOSE0004	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/05/91-09/05/91	0	1	
YOSE0005	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/05/91-09/05/91	0	1	
YOSE0007	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/81-09/12/83	2	2	
YOSE0009	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/01/91-09/01/91	0	1	
YOSE0011	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/19/82-08/19/82	0	1	
YOSE0012	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/30/73-12/01/77	4	21	
YOSE0019	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/21/73-01/12/88	14	7	
YOSE0022	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/81-08/17/82	0	2	
YOSE0023	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/20/81-08/17/82	0	2	
YOSE0026	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/13/82-08/13/82	0	1	
YOSE0029	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/12/77-08/12/77	0	1	
YOSE0030	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/13/82-08/13/82	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0031	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/12/77-08/12/77	0	1	
YOSE0032	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/19/81-08/17/82	0	2	
YOSE0033	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/21/73-11/08/88	15	5	
YOSE0034	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/81-08/17/82	0	2	
YOSE0035	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/22/74-08/14/74	0	3	
YOSE0036	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/20/73-09/02/74	1	11	
YOSE0037	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/22/74-09/03/74	0	4	
YOSE0038	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/21/73-11/30/77	4	14	
YOSE0039	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/30/73-09/03/74	1	11	
YOSE0041	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/17/82-08/17/82	0	1	
YOSE0046	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/16/83-09/16/83	0	1	
YOSE0047	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	21	114	T,A,S
YOSE0048	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/21/73-06/10/80	7	9	
YOSE0050	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/16/83-09/16/83	0	1	
YOSE0051	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/11/76-08/11/77	0	2	
YOSE0053	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/81-08/12/82	0	2	
YOSE0055	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/12/82-09/16/83	1	2	
YOSE0057	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/81-08/12/82	0	2	
YOSE0061	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/17/77-08/17/77	0	1	
YOSE0062	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/19/81-08/16/82	0	2	
YOSE0066	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/81-08/10/82	0	2	
YOSE0070	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/15/83-09/15/83	0	1	
YOSE0071	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/21/81-09/13/83	2	3	
YOSE0072	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/17/77-08/17/77	0	1	
YOSE0077	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/82-08/11/82	0	1	
YOSE0080	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/15/83-09/15/83	0	1	
YOSE0081	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/15/83-09/15/83	0	1	
YOSE0083	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/81-08/26/81	0	1	
YOSE0084	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/15/83-09/15/83	0	1	
YOSE0085	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/20/81-08/11/82	0	2	
YOSE0086	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/12/73-10/21/86	13	19	
YOSE0087	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/82-08/11/82	0	1	
YOSE0090	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/15/83-09/15/83	0	1	
YOSE0091	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/27/81-08/27/81	0	1	
YOSE0093	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/14/83-09/14/83	0	1	
YOSE0094	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/23/81-08/10/82	0	2	
YOSE0097	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/14/83-09/14/83	0	1	
YOSE0098	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/09/82-08/09/82	0	1	
YOSE0108	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/23/81-08/09/82	0	2	
YOSE0109	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/14/83-09/14/83	0	1	
YOSE0111	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/09/82-08/09/82	0	1	
YOSE0113	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/14/83-09/14/83	0	1	
YOSE0115	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/14/83-09/14/83	0	1	
YOSE0019	Yes	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/05/72-07/07/77	4	14	
YOSE0033	Yes	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	02/21/73-07/07/77	4	5	
YOSE0035	Yes	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	04/10/74-09/02/74	0	5	
YOSE0036	Yes	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	04/10/74-04/10/74	0	1	
YOSE0037	Yes	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/05/72-09/03/74	1	10	
YOSE0048	Yes	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/05/72-06/10/80	7	38	
YOSE0086	Yes	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/12/73-07/27/83	10	25	
YOSE0103	Yes	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	06/07/77-09/14/77	0	2	
YOSE0106	Yes	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/77-07/14/77	0	1	
YOSE0107	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/77-07/14/77	0	1	
YOSE0036	Yes	00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	04/10/74-04/10/74	0	1	
YOSE0047	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/18/68-06/29/79	10	17	
YOSE0018	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/05/72-12/01/77	5	28	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0029	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/12/77-08/12/77	0	1	
YOSE0031	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/12/77-08/12/77	0	1	
YOSE0036	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/20/73-09/02/74	1	13	
YOSE0038	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/21/73-11/30/77	4	16	
YOSE0040	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/05/72-09/03/74	1	16	
YOSE0047	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	11	95	A
YOSE0051	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/11/76-08/11/77	0	2	
YOSE0122	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/10/75-09/04/75	0	3	
YOSE0002	No	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/29/85-09/29/85	0	1	
YOSE0008	No	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/29/85-09/29/85	0	1	
YOSE0025	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/24/85-09/24/85	0	1	
YOSE0065	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/24/85-09/24/85	0	1	
YOSE0082	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/24/85-09/24/85	0	1	
YOSE0104	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/24/85-09/24/85	0	1	
YOSE0114	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/17/85-10/17/85	0	1	
YOSE0118	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/03/85-10/03/85	0	1	
YOSE0120	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/24/85-09/24/85	0	1	
YOSE0121	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/03/85-10/03/85	0	1	
YOSE0123	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/03/85-10/03/85	0	1	
YOSE0018	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/72-12/01/77	5	29	
YOSE0019	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/72-01/12/88	15	18	
YOSE0029	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/77-08/12/77	0	1	
YOSE0031	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/77-08/12/77	0	1	
YOSE0033	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/73-11/08/88	15	8	
YOSE0035	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/10/74-09/02/74	0	6	
YOSE0036	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/20/73-09/02/74	1	15	
YOSE0037	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/72-09/03/74	1	13	
YOSE0038	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/73-11/30/77	4	17	
YOSE0040	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/72-09/03/74	1	17	
YOSE0047	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	21	183	T,A,S
YOSE0048	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/72-06/10/80	7	42	
YOSE0051	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/11/76-08/11/77	0	2	
YOSE0086	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-10/21/86	13	32	
YOSE0103	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/07/77-09/14/77	0	2	
YOSE0106	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/77-07/14/77	0	1	
YOSE0107	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/25/76-07/14/77	0	3	
YOSE0112	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/25/76-10/25/76	0	1	
YOSE0116	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/25/76-10/25/76	0	1	
YOSE0117	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/77-08/27/80	3	8	
YOSE0119	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/17/74-10/09/75	0	10	
YOSE0122	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/17/76-09/02/80	4	4	
YOSE0001	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/82-09/12/83	1	2	
YOSE0007	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/81-09/12/83	2	2	
YOSE0011	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/19/82-08/19/82	0	1	
YOSE0012	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/17/81-08/19/82	1	2	
YOSE0015	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/74-07/05/74	0	4	
YOSE0019	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/74-07/05/74	0	4	
YOSE0022	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/81-08/17/82	0	2	
YOSE0023	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/20/81-08/17/82	0	2	
YOSE0026	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/82-08/13/82	0	1	
YOSE0030	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/82-08/13/82	0	1	
YOSE0032	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/19/81-08/17/82	0	2	
YOSE0034	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/81-08/17/82	0	2	
YOSE0035	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/74-07/04/74	0	2	
YOSE0036	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/21/74-07/04/74	0	3	
YOSE0037	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/74-07/05/74	0	4	
YOSE0039	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/74-07/05/74	0	4	
YOSE0041	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/17/82-08/17/82	0	1	
YOSE0046	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/16/83-09/16/83	0	1	
YOSE0047	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/23/74-05/28/92	18	67	S
YOSE0048	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/03/74-07/05/74	0	3	
YOSE0050	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/16/83-09/16/83	0	1	
YOSE0053	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/81-08/12/82	0	2	
YOSE0055	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/16/83-09/16/83	0	1	
YOSE0057	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/81-08/12/82	0	2	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0062	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/19/81-08/16/82	0	2	
YOSE0066	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/81-08/10/82	0	2	
YOSE0070	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/83-09/15/83	0	1	
YOSE0071	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/21/81-09/13/83	2	3	
YOSE0072	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/10/82-08/10/82	0	1	
YOSE0077	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/11/82-08/11/82	0	1	
YOSE0080	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/83-09/15/83	0	1	
YOSE0081	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/83-09/15/83	0	1	
YOSE0083	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/81-08/26/81	0	1	
YOSE0084	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/83-09/15/83	0	1	
YOSE0085	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/20/81-08/11/82	0	2	
YOSE0087	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/11/82-08/11/82	0	1	
YOSE0090	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/83-09/15/83	0	1	
YOSE0091	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/27/81-08/27/81	0	1	
YOSE0093	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/14/83-09/14/83	0	1	
YOSE0094	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/81-08/10/82	0	2	
YOSE0097	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/14/83-09/14/83	0	1	
YOSE0098	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/09/82-08/09/82	0	1	
YOSE0108	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/81-08/09/82	0	2	
YOSE0109	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/14/83-09/14/83	0	1	
YOSE0111	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/09/82-08/09/82	0	1	
YOSE0113	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/14/83-09/14/83	0	1	
YOSE0115	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/14/83-09/14/83	0	1	
YOSE0003	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/05/91-09/05/91	0	1	
YOSE0004	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/05/91-09/05/91	0	1	
YOSE0005	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/01/91-09/01/91	0	1	
YOSE0018	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/72-12/01/77	5	28	
YOSE0019	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/72-01/12/88	15	17	
YOSE0020	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/91-08/04/91	0	1	
YOSE0021	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/91-08/04/91	0	1	
YOSE0024	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/01/91-08/01/91	0	1	
YOSE0027	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/01/91-08/01/91	0	2	
YOSE0028	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/01/91-08/01/91	0	1	
YOSE0029	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/12/77-08/12/77	0	1	
YOSE0033	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/21/73-11/08/88	15	7	
YOSE0035	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/10/74-09/02/74	0	6	
YOSE0036	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/20/73-09/02/74	1	13	
YOSE0037	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/72-09/03/74	1	13	
YOSE0038	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/21/73-11/30/77	4	16	
YOSE0040	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/72-09/03/74	1	16	
YOSE0047	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	21	124	T,A,S
YOSE0048	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/72-06/10/80	7	40	
YOSE0051	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/12/76-08/12/77	0	2	
YOSE0054	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/91-08/02/91	0	1	
YOSE0056	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/91-08/02/91	0	1	
YOSE0058	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/91-08/02/91	0	1	
YOSE0063	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/91-08/02/91	0	1	
YOSE0064	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/91-08/02/91	0	1	
YOSE0086	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/12/73-10/21/86	13	30	
YOSE0103	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/07/77-09/14/77	0	2	
YOSE0106	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/77-07/14/77	0	1	
YOSE0107	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/25/76-07/14/77	0	3	
YOSE0112	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/25/76-10/25/76	0	1	
YOSE0116	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/25/76-10/25/76	0	1	
YOSE0119	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/17/74-10/09/75	0	14	
YOSE0018	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/30/73-09/03/74	1	13	
YOSE0019	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/03/73-09/03/74	1	10	
YOSE0035	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/10/74-09/02/74	0	5	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0036	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/20/73-09/02/74	1	12	
YOSE0037	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/03/73-09/03/74	1	10	
YOSE0040	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/30/73-09/03/74	1	15	
YOSE0047	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/29/73-09/08/82	9	34	
YOSE0048	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/03/73-06/10/80	6	11	
YOSE0086	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/77-06/09/81	3	9	
YOSE0103	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/07/77-09/14/77	0	2	
YOSE0002	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/85-09/29/85	0	1	
YOSE0008	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/85-09/29/85	0	1	
YOSE0025	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/85-09/24/85	0	1	
YOSE0047	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/17/77-05/13/82	5	5	
YOSE0065	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/85-09/24/85	0	1	
YOSE0082	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/85-09/24/85	0	1	
YOSE0104	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/85-09/24/85	0	1	
YOSE0114	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/17/85-10/17/85	0	1	
YOSE0118	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/03/85-10/03/85	0	1	
YOSE0120	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/85-09/24/85	0	1	
YOSE0121	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/03/85-10/03/85	0	1	
YOSE0123	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/03/85-10/03/85	0	1	
YOSE0047	Yes	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	02/17/77-09/21/82	5	6	
YOSE0002	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/29/85-09/29/85	0	1	
YOSE0008	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/29/85-09/29/85	0	1	
YOSE0025	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/24/85-09/24/85	0	1	
YOSE0065	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/24/85-09/24/85	0	1	
YOSE0082	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/24/85-09/24/85	0	1	
YOSE0104	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/24/85-09/24/85	0	1	
YOSE0114	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/17/85-10/17/85	0	1	
YOSE0118	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/03/85-10/03/85	0	1	
YOSE0120	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/24/85-09/24/85	0	1	
YOSE0121	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/03/85-10/03/85	0	1	
YOSE0123	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/03/85-10/03/85	0	1	
YOSE0047	Yes	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/23/74-09/21/82	8	15	
YOSE0001	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/82-08/18/82	0	1	
YOSE0007	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/81-08/18/81	0	1	
YOSE0010	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/76-07/06/76	0	1	
YOSE0011	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/72-07/28/77	4	19	
YOSE0019	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/72-01/12/88	15	17	
YOSE0022	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/81-08/17/82	0	2	
YOSE0023	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/81-08/17/82	0	2	
YOSE0026	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/82-08/13/82	0	1	
YOSE0029	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/12/77-08/12/77	0	1	
YOSE0030	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/82-08/13/82	0	1	
YOSE0031	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/12/77-08/12/77	0	1	
YOSE0032	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/81-08/17/82	0	2	
YOSE0033	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/73-04/10/84	11	6	
YOSE0034	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/81-08/17/82	0	2	
YOSE0037	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/72-09/03/74	1	11	
YOSE0038	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/73-09/08/77	4	8	
YOSE0039	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/72-09/03/74	1	15	
YOSE0041	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/82-08/17/82	0	1	
YOSE0047	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	17	160	T,A
YOSE0048	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/72-06/10/80	7	39	
YOSE0051	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/11/76-08/11/77	0	2	
YOSE0053	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/81-08/12/82	0	2	
YOSE0055	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/81-08/12/82	0	2	
YOSE0057	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/81-08/12/82	0	2	
YOSE0061	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/77-09/29/77	0	3	
YOSE0062	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/81-08/16/82	0	2	
YOSE0066	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/81-08/10/82	0	2	
YOSE0071	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/81-08/12/82	0	2	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0072	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/77-09/29/77	0	2	
YOSE0077	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/82-08/17/82	0	1	
YOSE0081	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/27/81-08/27/81	0	1	
YOSE0083	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/81-08/26/81	0	1	
YOSE0085	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/81-08/11/82	0	2	
YOSE0086	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/11/74-10/21/86	12	28	
YOSE0087	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/82-08/11/82	0	1	
YOSE0091	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/27/81-08/27/81	0	1	
YOSE0094	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/23/81-08/10/82	0	2	
YOSE0098	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/82-08/09/82	0	1	
YOSE0103	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/07/77-09/14/77	0	2	
YOSE0106	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/77-07/14/77	0	1	
YOSE0107	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/77-07/14/77	0	1	
YOSE0108	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/23/81-08/09/82	0	2	
YOSE0111	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/82-08/09/82	0	1	
YOSE0112	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/25/76-10/25/76	0	1	
YOSE0116	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/25/76-10/25/76	0	1	
YOSE0001	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/82-08/18/82	0	1	
YOSE0007	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/81-08/18/81	0	1	
YOSE0011	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/05/72-07/28/77	4	19	
YOSE0022	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/81-08/17/82	0	2	
YOSE0023	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/20/81-08/17/82	0	2	
YOSE0026	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/13/82-08/13/82	0	1	
YOSE0029	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/12/77-08/12/77	0	1	
YOSE0030	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/13/82-08/13/82	0	1	
YOSE0031	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/12/77-08/12/77	0	1	
YOSE0032	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/81-08/17/82	0	2	
YOSE0034	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/81-08/17/82	0	2	
YOSE0038	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/10/76-07/28/77	0	4	
YOSE0039	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/05/72-09/03/74	1	15	
YOSE0041	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/17/82-08/17/82	0	1	
YOSE0047	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	14	129	A
YOSE0051	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/11/76-08/11/77	0	2	
YOSE0053	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/81-08/12/82	0	2	
YOSE0055	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/81-08/12/82	0	2	
YOSE0057	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/81-08/12/82	0	2	
YOSE0061	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/17/77-09/29/77	0	3	
YOSE0062	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/81-08/16/82	0	2	
YOSE0066	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/81-08/10/82	0	2	
YOSE0071	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/21/81-08/12/82	0	2	
YOSE0072	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/17/77-09/29/77	0	2	
YOSE0077	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/17/82-08/17/82	0	1	
YOSE0081	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/27/81-08/27/81	0	1	
YOSE0083	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/81-08/26/81	0	1	
YOSE0085	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/20/81-08/11/82	0	2	
YOSE0087	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/23/81-08/10/82	0	2	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0089	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/11/82-08/11/82	0	1	
YOSE0091	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/27/81-08/27/81	0	1	
YOSE0094	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/23/81-08/10/82	0	2	
YOSE0098	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/09/82-08/09/82	0	1	
YOSE0108	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/23/81-08/09/82	0	2	
YOSE0111	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/09/82-08/09/82	0	1	
YOSE0002	No	00910	CALCIUM (MG/L AS CACO3)	09/29/85-09/29/85	0	1	
YOSE0008	No	00910	CALCIUM (MG/L AS CACO3)	09/29/85-09/29/85	0	1	
YOSE0025	Yes	00910	CALCIUM (MG/L AS CACO3)	09/24/85-09/24/85	0	1	
YOSE0065	Yes	00910	CALCIUM (MG/L AS CACO3)	09/24/85-09/24/85	0	1	
YOSE0082	Yes	00910	CALCIUM (MG/L AS CACO3)	09/24/85-09/24/85	0	1	
YOSE0104	Yes	00910	CALCIUM (MG/L AS CACO3)	09/24/85-09/24/85	0	1	
YOSE0114	Yes	00910	CALCIUM (MG/L AS CACO3)	10/17/85-10/17/85	0	1	
YOSE0118	Yes	00910	CALCIUM (MG/L AS CACO3)	10/03/85-10/03/85	0	1	
YOSE0120	Yes	00910	CALCIUM (MG/L AS CACO3)	09/24/85-09/24/85	0	1	
YOSE0121	Yes	00910	CALCIUM (MG/L AS CACO3)	10/03/85-10/03/85	0	1	
YOSE0123	Yes	00910	CALCIUM (MG/L AS CACO3)	10/03/85-10/03/85	0	1	
YOSE0001	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/82-09/12/83	1	2	
YOSE0003	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/05/91-09/05/91	0	1	
YOSE0004	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/05/91-09/05/91	0	1	
YOSE0005	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/05/91-09/05/91	0	1	
YOSE0007	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/81-09/12/83	2	2	
YOSE0009	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/01/91-09/01/91	0	1	
YOSE0010	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/76-07/06/76	0	1	
YOSE0011	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/72-07/28/77	4	19	
YOSE0019	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/72-01/12/88	15	17	
YOSE0020	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/91-08/04/91	0	1	
YOSE0021	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/91-08/04/91	0	1	
YOSE0022	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/81-08/17/82	0	2	
YOSE0023	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/81-08/17/82	0	2	
YOSE0024	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/01/91-08/01/91	0	1	
YOSE0026	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/82-08/13/82	0	1	
YOSE0027	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/01/91-08/01/91	0	2	
YOSE0028	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/01/91-08/01/91	0	1	
YOSE0029	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/12/77-08/12/77	0	1	
YOSE0030	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/82-08/13/82	0	1	
YOSE0031	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/12/77-08/12/77	0	1	
YOSE0032	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/81-08/17/82	0	2	
YOSE0033	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/73-04/10/84	11	6	
YOSE0034	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/81-08/17/82	0	2	
YOSE0037	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/72-09/03/74	1	11	
YOSE0038	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/73-09/08/77	4	8	
YOSE0039	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/72-09/03/74	1	15	
YOSE0041	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/82-08/17/82	0	1	
YOSE0046	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/16/83-09/16/83	0	1	
YOSE0047	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	24	196	T,A,S
YOSE0048	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/72-06/10/80	7	39	
YOSE0050	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/16/83-09/16/83	0	1	
YOSE0051	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/11/76-08/11/77	0	2	
YOSE0053	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/81-08/12/82	0	2	
YOSE0054	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/91-08/02/91	0	1	
YOSE0055	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/81-09/16/83	2	3	
YOSE0056	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/91-08/02/91	0	1	
YOSE0057	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/81-08/12/82	0	2	
YOSE0058	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/91-08/02/91	0	1	
YOSE0061	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/77-09/29/77	0	3	
YOSE0062	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/81-08/16/82	0	2	
YOSE0063	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/91-08/02/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0064	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/91-08/02/91	0	1	
YOSE0066	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/81-08/10/82	0	2	
YOSE0070	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/83-09/15/83	0	1	
YOSE0071	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/81-09/13/83	2	3	
YOSE0072	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/77-09/29/77	0	2	
YOSE0077	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/82-08/11/82	0	1	
YOSE0080	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/83-09/15/83	0	1	
YOSE0081	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/81-09/15/83	2	2	
YOSE0083	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/81-08/26/81	0	1	
YOSE0084	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/83-09/15/83	0	1	
YOSE0085	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/81-08/11/82	0	2	
YOSE0086	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/11/74-10/21/86	12	28	
YOSE0087	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/82-08/11/82	0	1	
YOSE0090	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/83-09/15/83	0	1	
YOSE0091	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/81-08/27/81	0	1	
YOSE0093	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/83-09/14/83	0	1	
YOSE0094	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/81-08/10/82	0	2	
YOSE0097	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/83-09/14/83	0	1	
YOSE0098	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/82-08/09/82	0	1	
YOSE0103	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/07/77-09/14/77	0	2	
YOSE0106	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/14/77-07/14/77	0	1	
YOSE0107	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/14/77-07/14/77	0	1	
YOSE0108	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/81-08/09/82	0	2	
YOSE0109	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/83-09/14/83	0	1	
YOSE0111	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/82-08/09/82	0	1	
YOSE0112	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/25/76-10/25/76	0	1	
YOSE0113	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/83-09/14/83	0	1	
YOSE0115	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/83-09/14/83	0	1	
YOSE0116	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/25/76-10/25/76	0	1	
YOSE0001	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/82-09/12/83	1	2	
YOSE0002	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/85-09/29/85	0	1	
YOSE0003	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/05/91-09/05/91	0	1	
YOSE0004	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/05/91-09/05/91	0	1	
YOSE0005	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/05/91-09/05/91	0	1	
YOSE0007	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/81-09/12/83	2	2	
YOSE0008	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/85-09/29/85	0	1	
YOSE0009	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/01/91-09/01/91	0	1	
YOSE0010	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/76-07/06/76	0	1	
YOSE0011	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/72-07/28/77	4	19	
YOSE0019	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/72-01/12/88	15	17	
YOSE0020	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/91-08/04/91	0	1	
YOSE0021	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/91-08/04/91	0	1	
YOSE0022	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/81-08/17/82	0	2	
YOSE0023	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/81-08/17/82	0	2	
YOSE0024	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/01/91-08/01/91	0	1	
YOSE0025	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/85-09/24/85	0	1	
YOSE0026	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/82-08/13/82	0	1	
YOSE0027	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/01/91-08/01/91	0	2	
YOSE0028	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/01/91-08/01/91	0	1	
YOSE0029	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/12/77-08/12/77	0	1	
YOSE0030	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/82-08/13/82	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0031	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/12/77-08/12/77	0	1	
YOSE0032	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/81-08/17/82	0	2	
YOSE0033	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/73-04/10/84	11	6	
YOSE0034	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/81-08/17/82	0	2	
YOSE0037	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/72-09/03/74	1	11	
YOSE0038	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/73-09/08/77	4	8	
YOSE0039	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/72-09/03/74	1	15	
YOSE0041	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/82-08/17/82	0	1	
YOSE0046	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/16/83-09/16/83	0	1	
YOSE0047	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	24	195	T,A,S
YOSE0048	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/72-06/10/80	7	39	
YOSE0050	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/16/83-09/16/83	0	1	
YOSE0051	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/11/76-08/11/77	0	2	
YOSE0053	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/81-08/12/82	0	2	
YOSE0054	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/91-08/02/91	0	1	
YOSE0055	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/81-09/16/83	2	3	
YOSE0056	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/91-08/02/91	0	1	
YOSE0057	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/81-08/12/82	0	2	
YOSE0058	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/91-08/02/91	0	1	
YOSE0061	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/77-09/29/77	0	3	
YOSE0062	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/81-08/16/82	0	2	
YOSE0063	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/91-08/02/91	0	1	
YOSE0064	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/91-08/02/91	0	1	
YOSE0065	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/85-09/24/85	0	1	
YOSE0066	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/81-08/10/82	0	2	
YOSE0070	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/83-09/15/83	0	1	
YOSE0071	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/81-09/13/83	2	3	
YOSE0072	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/77-09/29/77	0	2	
YOSE0077	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/82-08/11/82	0	1	
YOSE0080	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/83-09/15/83	0	1	
YOSE0081	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/81-09/15/83	2	2	
YOSE0082	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/85-09/24/85	0	1	
YOSE0083	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/81-08/26/81	0	1	
YOSE0084	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/83-09/15/83	0	1	
YOSE0085	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/81-08/11/82	0	2	
YOSE0086	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/11/74-10/21/86	12	28	
YOSE0087	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/82-08/11/82	0	1	
YOSE0090	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/83-09/15/83	0	1	
YOSE0091	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/81-08/27/81	0	1	
YOSE0093	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/83-09/14/83	0	1	
YOSE0094	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/81-08/10/82	0	2	
YOSE0097	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/83-09/14/83	0	1	
YOSE0098	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/82-08/09/82	0	1	
YOSE0103	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/07/77-09/14/77	0	2	
YOSE0104	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/85-09/24/85	0	1	
YOSE0106	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/14/77-07/14/77	0	1	
YOSE0107	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/14/77-07/14/77	0	1	
YOSE0108	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/81-08/09/82	0	2	
YOSE0109	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/83-09/14/83	0	1	
YOSE0111	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/82-08/09/82	0	1	
YOSE0112	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/76-10/25/76	0	1	
YOSE0113	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/83-09/14/83	0	1	
YOSE0114	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/17/85-10/17/85	0	1	
YOSE0115	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/83-09/14/83	0	1	
YOSE0116	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/76-10/25/76	0	1	
YOSE0118	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/85-10/03/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0120	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/85-09/24/85	0	1	
YOSE0121	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/85-10/03/85	0	1	
YOSE0123	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/85-10/03/85	0	1	
YOSE0001	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/82-09/12/83	1	2	
YOSE0002	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/29/85-09/29/85	0	1	
YOSE0003	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/05/91-09/05/91	0	1	
YOSE0004	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/05/91-09/05/91	0	1	
YOSE0005	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/05/91-09/05/91	0	1	
YOSE0007	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/81-09/12/83	2	2	
YOSE0008	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/29/85-09/29/85	0	1	
YOSE0009	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/01/91-09/01/91	0	1	
YOSE0010	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/76-07/06/76	0	1	
YOSE0011	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/72-07/28/77	4	19	
YOSE0019	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/72-01/12/88	15	17	
YOSE0020	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/91-08/04/91	0	1	
YOSE0021	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/91-08/04/91	0	1	
YOSE0022	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/81-08/17/82	0	2	
YOSE0023	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/81-08/17/82	0	2	
YOSE0024	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/01/91-08/01/91	0	1	
YOSE0025	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/85-09/24/85	0	1	
YOSE0026	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/82-08/13/82	0	1	
YOSE0027	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/01/91-08/01/91	0	2	
YOSE0028	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/01/91-08/01/91	0	1	
YOSE0029	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/12/77-08/12/77	0	1	
YOSE0030	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/82-08/13/82	0	1	
YOSE0031	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/12/77-08/12/77	0	1	
YOSE0032	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/81-08/17/82	0	2	
YOSE0033	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/73-04/10/84	11	6	
YOSE0034	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/81-08/17/82	0	2	
YOSE0037	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/72-09/03/74	1	11	
YOSE0038	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/73-09/08/77	4	8	
YOSE0039	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/72-09/03/74	1	15	
YOSE0041	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/82-08/17/82	0	1	
YOSE0046	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/16/83-09/16/83	0	1	
YOSE0047	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	24	199	T,A,S
YOSE0048	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/72-06/10/80	7	39	
YOSE0050	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/16/83-09/16/83	0	1	
YOSE0051	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/11/76-08/11/77	0	2	
YOSE0053	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/81-08/12/82	0	2	
YOSE0054	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/91-08/02/91	0	1	
YOSE0055	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/81-09/16/83	2	3	
YOSE0056	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/91-08/02/91	0	1	
YOSE0057	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/81-08/12/82	0	2	
YOSE0058	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/91-08/02/91	0	1	
YOSE0061	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/77-09/29/77	0	3	
YOSE0062	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/81-08/16/82	0	2	
YOSE0063	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/91-08/02/91	0	1	
YOSE0064	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/91-08/02/91	0	1	
YOSE0065	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/85-09/24/85	0	1	
YOSE0066	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/81-08/10/82	0	2	
YOSE0070	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/83-09/15/83	0	1	
YOSE0071	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/81-09/13/83	2	3	
YOSE0072	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/77-09/29/77	0	2	
YOSE0077	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/11/82-08/11/82	0	1	
YOSE0080	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/83-09/15/83	0	1	
YOSE0081	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/81-09/15/83	2	2	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0082	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/85-09/24/85	0	1	
YOSE0083	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/81-08/26/81	0	1	
YOSE0084	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/83-09/15/83	0	1	
YOSE0085	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/81-08/11/82	0	2	
YOSE0086	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/11/74-10/21/86	12	28	
YOSE0087	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/11/82-08/11/82	0	1	
YOSE0090	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/83-09/15/83	0	1	
YOSE0091	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/81-08/27/81	0	1	
YOSE0093	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/83-09/14/83	0	1	
YOSE0094	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/81-08/10/82	0	2	
YOSE0097	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/83-09/14/83	0	1	
YOSE0098	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/82-08/09/82	0	1	
YOSE0103	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/07/77-09/14/77	0	2	
YOSE0104	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/85-09/24/85	0	1	
YOSE0106	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/14/77-07/14/77	0	1	
YOSE0107	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/14/77-07/14/77	0	1	
YOSE0108	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/81-08/09/82	0	2	
YOSE0109	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/83-09/14/83	0	1	
YOSE0111	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/82-08/09/82	0	1	
YOSE0112	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/76-10/25/76	0	1	
YOSE0113	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/83-09/14/83	0	1	
YOSE0114	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/17/85-10/17/85	0	1	
YOSE0115	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/83-09/14/83	0	1	
YOSE0116	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/76-10/25/76	0	1	
YOSE0118	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/85-10/03/85	0	1	
YOSE0120	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/85-09/24/85	0	1	
YOSE0121	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/85-10/03/85	0	1	
YOSE0123	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/85-10/03/85	0	1	
YOSE0001	No	00931	SODIUM ADSORPTION RATIO	08/18/82-08/18/82	0	1	
YOSE0007	Yes	00931	SODIUM ADSORPTION RATIO	08/18/81-08/18/81	0	1	
YOSE0011	Yes	00931	SODIUM ADSORPTION RATIO	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00931	SODIUM ADSORPTION RATIO	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00931	SODIUM ADSORPTION RATIO	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00931	SODIUM ADSORPTION RATIO	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00931	SODIUM ADSORPTION RATIO	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00931	SODIUM ADSORPTION RATIO	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00931	SODIUM ADSORPTION RATIO	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00931	SODIUM ADSORPTION RATIO	10/05/72-07/28/77	4	19	
YOSE0022	Yes	00931	SODIUM ADSORPTION RATIO	08/18/81-08/17/82	0	2	
YOSE0023	No	00931	SODIUM ADSORPTION RATIO	08/20/81-08/17/82	0	2	
YOSE0026	Yes	00931	SODIUM ADSORPTION RATIO	08/13/82-08/13/82	0	1	
YOSE0029	Yes	00931	SODIUM ADSORPTION RATIO	08/12/77-08/12/77	0	1	
YOSE0030	Yes	00931	SODIUM ADSORPTION RATIO	08/13/82-08/13/82	0	1	
YOSE0031	Yes	00931	SODIUM ADSORPTION RATIO	08/12/77-08/12/77	0	1	
YOSE0032	Yes	00931	SODIUM ADSORPTION RATIO	08/19/81-08/17/82	0	2	
YOSE0034	Yes	00931	SODIUM ADSORPTION RATIO	08/18/81-08/17/82	0	2	
YOSE0038	Yes	00931	SODIUM ADSORPTION RATIO	02/21/73-09/08/77	4	8	
YOSE0039	Yes	00931	SODIUM ADSORPTION RATIO	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00931	SODIUM ADSORPTION RATIO	10/05/72-09/03/74	1	15	
YOSE0041	Yes	00931	SODIUM ADSORPTION RATIO	08/17/82-08/17/82	0	1	
YOSE0047	Yes	00931	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	17	160	T,A
YOSE0051	Yes	00931	SODIUM ADSORPTION RATIO	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00931	SODIUM ADSORPTION RATIO	11/11/76-08/11/77	0	2	
YOSE0053	Yes	00931	SODIUM ADSORPTION RATIO	08/26/81-08/12/82	0	2	
YOSE0055	Yes	00931	SODIUM ADSORPTION RATIO	08/26/81-08/12/82	0	2	
YOSE0057	Yes	00931	SODIUM ADSORPTION RATIO	08/26/81-08/12/82	0	2	
YOSE0061	Yes	00931	SODIUM ADSORPTION RATIO	08/17/77-09/29/77	0	3	
YOSE0062	Yes	00931	SODIUM ADSORPTION RATIO	08/19/81-08/16/82	0	2	
YOSE0066	Yes	00931	SODIUM ADSORPTION RATIO	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00931	SODIUM ADSORPTION RATIO	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00931	SODIUM ADSORPTION RATIO	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00931	SODIUM ADSORPTION RATIO	08/26/81-08/10/82	0	2	
YOSE0071	Yes	00931	SODIUM ADSORPTION RATIO	08/21/81-08/12/82	0	2	
YOSE0072	Yes	00931	SODIUM ADSORPTION RATIO	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00931	SODIUM ADSORPTION RATIO	08/10/82-08/10/82	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0074	Yes	00931	SODIUM ADSORPTION RATIO	08/17/77-09/29/77	0	2	
YOSE0077	Yes	00931	SODIUM ADSORPTION RATIO	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00931	SODIUM ADSORPTION RATIO	08/17/82-08/17/82	0	1	
YOSE0081	Yes	00931	SODIUM ADSORPTION RATIO	08/27/81-08/27/81	0	1	
YOSE0083	Yes	00931	SODIUM ADSORPTION RATIO	08/26/81-08/26/81	0	1	
YOSE0085	Yes	00931	SODIUM ADSORPTION RATIO	08/20/81-08/11/82	0	2	
YOSE0087	Yes	00931	SODIUM ADSORPTION RATIO	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00931	SODIUM ADSORPTION RATIO	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00931	SODIUM ADSORPTION RATIO	08/11/82-08/11/82	0	1	
YOSE0091	Yes	00931	SODIUM ADSORPTION RATIO	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00931	SODIUM ADSORPTION RATIO	08/27/81-08/27/81	0	1	
YOSE0094	Yes	00931	SODIUM ADSORPTION RATIO	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00931	SODIUM ADSORPTION RATIO	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00931	SODIUM ADSORPTION RATIO	09/23/81-08/10/82	0	2	
YOSE0098	Yes	00931	SODIUM ADSORPTION RATIO	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00931	SODIUM ADSORPTION RATIO	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00931	SODIUM ADSORPTION RATIO	08/09/82-08/09/82	0	1	
YOSE0108	Yes	00931	SODIUM ADSORPTION RATIO	09/23/81-08/09/82	0	2	
YOSE0111	Yes	00931	SODIUM ADSORPTION RATIO	08/09/82-08/09/82	0	1	
YOSE0001	No	00932	SODIUM, PERCENT	08/18/82-08/18/82	0	1	
YOSE0007	Yes	00932	SODIUM, PERCENT	08/18/81-08/18/81	0	1	
YOSE0011	Yes	00932	SODIUM, PERCENT	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00932	SODIUM, PERCENT	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00932	SODIUM, PERCENT	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00932	SODIUM, PERCENT	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00932	SODIUM, PERCENT	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00932	SODIUM, PERCENT	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00932	SODIUM, PERCENT	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00932	SODIUM, PERCENT	10/05/72-07/28/77	4	19	
YOSE0022	Yes	00932	SODIUM, PERCENT	08/18/81-08/17/82	0	2	
YOSE0023	No	00932	SODIUM, PERCENT	08/20/81-08/17/82	0	2	
YOSE0026	Yes	00932	SODIUM, PERCENT	08/13/82-08/13/82	0	1	
YOSE0029	Yes	00932	SODIUM, PERCENT	08/12/77-08/12/77	0	1	
YOSE0030	Yes	00932	SODIUM, PERCENT	08/13/82-08/13/82	0	1	
YOSE0031	Yes	00932	SODIUM, PERCENT	08/12/77-08/12/77	0	1	
YOSE0032	Yes	00932	SODIUM, PERCENT	08/19/81-08/17/82	0	2	
YOSE0034	Yes	00932	SODIUM, PERCENT	08/18/81-08/17/82	0	2	
YOSE0038	Yes	00932	SODIUM, PERCENT	02/21/73-09/08/77	4	7	
YOSE0039	Yes	00932	SODIUM, PERCENT	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00932	SODIUM, PERCENT	10/05/72-09/03/74	1	15	
YOSE0041	Yes	00932	SODIUM, PERCENT	08/17/82-08/17/82	0	1	
YOSE0047	Yes	00932	SODIUM, PERCENT	03/12/68-01/31/86	17	158	T,A
YOSE0051	Yes	00932	SODIUM, PERCENT	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00932	SODIUM, PERCENT	11/11/76-08/11/77	0	2	
YOSE0053	Yes	00932	SODIUM, PERCENT	08/26/81-08/12/82	0	2	
YOSE0055	Yes	00932	SODIUM, PERCENT	08/26/81-08/12/82	0	2	
YOSE0057	Yes	00932	SODIUM, PERCENT	08/26/81-08/12/82	0	2	
YOSE0061	Yes	00932	SODIUM, PERCENT	08/17/77-09/29/77	0	3	
YOSE0062	Yes	00932	SODIUM, PERCENT	08/19/81-08/16/82	0	2	
YOSE0066	Yes	00932	SODIUM, PERCENT	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00932	SODIUM, PERCENT	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00932	SODIUM, PERCENT	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00932	SODIUM, PERCENT	08/26/81-08/10/82	0	2	
YOSE0071	Yes	00932	SODIUM, PERCENT	08/21/81-08/12/82	0	2	
YOSE0072	Yes	00932	SODIUM, PERCENT	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00932	SODIUM, PERCENT	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00932	SODIUM, PERCENT	08/17/77-09/29/77	0	2	
YOSE0077	Yes	00932	SODIUM, PERCENT	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00932	SODIUM, PERCENT	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00932	SODIUM, PERCENT	08/11/82-08/11/82	0	1	
YOSE0081	Yes	00932	SODIUM, PERCENT	08/27/81-08/27/81	0	1	
YOSE0083	Yes	00932	SODIUM, PERCENT	08/26/81-08/26/81	0	1	
YOSE0085	Yes	00932	SODIUM, PERCENT	08/20/81-08/11/82	0	2	
YOSE0087	Yes	00932	SODIUM, PERCENT	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00932	SODIUM, PERCENT	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00932	SODIUM, PERCENT	08/11/82-08/11/82	0	1	
YOSE0091	Yes	00932	SODIUM, PERCENT	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00932	SODIUM, PERCENT	08/27/81-08/27/81	0	1	
YOSE0094	Yes	00932	SODIUM, PERCENT	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00932	SODIUM, PERCENT	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00932	SODIUM, PERCENT	09/23/81-08/10/82	0	2	
YOSE0098	Yes	00932	SODIUM, PERCENT	09/23/81-08/09/82	0	2	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0101	Yes	00932	SODIUM, PERCENT	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00932	SODIUM, PERCENT	08/09/82-08/09/82	0	1	
YOSE0108	Yes	00932	SODIUM, PERCENT	09/23/81-08/09/82	0	2	
YOSE0111	Yes	00932	SODIUM, PERCENT	08/09/82-08/09/82	0	1	
YOSE0047	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	10/30/78-02/26/80	1	8	
YOSE0001	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/82-09/12/83	1	2	
YOSE0002	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/85-09/29/85	0	1	
YOSE0003	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/05/91-09/05/91	0	1	
YOSE0004	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/05/91-09/05/91	0	1	
YOSE0005	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/05/91-09/05/91	0	1	
YOSE0007	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/81-09/12/83	2	2	
YOSE0008	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/85-09/29/85	0	1	
YOSE0009	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/01/91-09/01/91	0	1	
YOSE0010	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/76-07/06/76	0	1	
YOSE0011	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/72-07/28/77	4	19	
YOSE0019	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/72-09/08/77	4	15	
YOSE0020	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/91-08/04/91	0	1	
YOSE0021	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/91-08/04/91	0	1	
YOSE0022	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/81-08/17/82	0	2	
YOSE0023	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/81-08/17/82	0	2	
YOSE0024	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/01/91-08/01/91	0	1	
YOSE0025	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/85-09/24/85	0	1	
YOSE0026	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/82-08/13/82	0	1	
YOSE0027	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/01/91-08/01/91	0	2	
YOSE0028	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/01/91-08/01/91	0	1	
YOSE0029	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/12/77-08/12/77	0	1	
YOSE0030	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/82-08/13/82	0	1	
YOSE0031	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/12/77-08/12/77	0	1	
YOSE0032	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/81-08/17/82	0	2	
YOSE0033	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/73-09/08/77	4	3	
YOSE0034	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/81-08/17/82	0	2	
YOSE0037	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/72-09/03/74	1	11	
YOSE0038	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/73-09/08/77	4	7	
YOSE0039	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/72-09/03/74	1	15	
YOSE0041	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/82-08/17/82	0	1	
YOSE0046	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/16/83-09/16/83	0	1	
YOSE0047	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	24	198	T,A,S
YOSE0048	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/72-06/10/80	7	38	
YOSE0050	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/16/83-09/16/83	0	1	
YOSE0051	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/11/76-08/11/77	0	2	
YOSE0053	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/81-08/12/82	0	2	
YOSE0054	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/91-08/02/91	0	1	
YOSE0055	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/81-09/16/83	2	3	
YOSE0056	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/91-08/02/91	0	1	
YOSE0057	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/81-08/12/82	0	2	
YOSE0058	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/91-08/02/91	0	1	
YOSE0061	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/77-09/29/77	0	3	
YOSE0062	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/81-08/16/82	0	2	
YOSE0063	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/91-08/02/91	0	1	
YOSE0064	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/91-08/02/91	0	1	
YOSE0065	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/85-09/24/85	0	1	
YOSE0066	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/81-08/10/82	0	2	
YOSE0070	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/83-09/15/83	0	1	
YOSE0071	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/81-09/13/83	2	3	
YOSE0072	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/77-09/29/77	0	2	
YOSE0077	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/82-08/11/82	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0080	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/83-09/15/83	0	1	
YOSE0081	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/81-09/15/83	2	2	
YOSE0082	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/85-09/24/85	0	1	
YOSE0083	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/81-08/26/81	0	1	
YOSE0084	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/83-09/15/83	0	1	
YOSE0085	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/81-08/11/82	0	2	
YOSE0086	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/76-07/27/83	7	22	
YOSE0087	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/82-08/11/82	0	1	
YOSE0090	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/83-09/15/83	0	1	
YOSE0091	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/81-08/27/81	0	1	
YOSE0093	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/83-09/14/83	0	1	
YOSE0094	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/81-08/10/82	0	2	
YOSE0097	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/83-09/14/83	0	1	
YOSE0098	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/82-08/09/82	0	1	
YOSE0103	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/77-09/14/77	0	1	
YOSE0104	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/85-09/24/85	0	1	
YOSE0106	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/14/77-07/14/77	0	1	
YOSE0107	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/14/77-07/14/77	0	1	
YOSE0108	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/81-08/09/82	0	2	
YOSE0109	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/83-09/14/83	0	1	
YOSE0111	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/82-08/09/82	0	1	
YOSE0112	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/76-10/25/76	0	1	
YOSE0113	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/83-09/14/83	0	1	
YOSE0114	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/85-10/17/85	0	1	
YOSE0115	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/83-09/14/83	0	1	
YOSE0116	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/76-10/25/76	0	1	
YOSE0118	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/85-10/03/85	0	1	
YOSE0120	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/85-09/24/85	0	1	
YOSE0121	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/85-10/03/85	0	1	
YOSE0123	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/85-10/03/85	0	1	
YOSE0001	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/82-09/12/83	1	2	
YOSE0003	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/91-09/05/91	0	1	
YOSE0004	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/91-09/05/91	0	1	
YOSE0005	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/91-09/05/91	0	1	
YOSE0007	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/81-09/12/83	2	2	
YOSE0009	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/91-09/01/91	0	1	
YOSE0011	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/72-07/28/77	4	19	
YOSE0020	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/91-08/04/91	0	1	
YOSE0021	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/91-08/04/91	0	1	
YOSE0022	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/81-08/17/82	0	2	
YOSE0023	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/81-08/17/82	0	2	
YOSE0024	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/91-08/01/91	0	1	
YOSE0026	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/82-08/13/82	0	1	
YOSE0027	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/91-08/01/91	0	2	
YOSE0028	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/91-08/01/91	0	1	
YOSE0029	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/77-08/12/77	0	1	
YOSE0030	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/82-08/13/82	0	1	
YOSE0031	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/77-08/12/77	0	1	
YOSE0032	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/81-08/17/82	0	2	
YOSE0034	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/81-08/17/82	0	2	
YOSE0038	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/21/73-09/08/77	4	8	
YOSE0039	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/72-09/03/74	1	15	
YOSE0041	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/82-08/17/82	0	1	
YOSE0046	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/83-09/16/83	0	1	
YOSE0047	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	24	199	T,A,S
YOSE0050	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/83-09/16/83	0	1	
YOSE0051	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/12/76-08/12/77	0	2	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0052	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/11/76-08/11/77	0	2	
YOSE0053	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/81-08/12/82	0	2	
YOSE0054	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/91-08/02/91	0	1	
YOSE0055	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/81-09/16/83	2	3	
YOSE0056	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/91-08/02/91	0	1	
YOSE0057	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/81-08/12/82	0	2	
YOSE0058	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/91-08/02/91	0	1	
YOSE0061	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/77-09/29/77	0	3	
YOSE0062	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/81-08/16/82	0	2	
YOSE0063	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/91-08/02/91	0	1	
YOSE0064	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/91-08/02/91	0	1	
YOSE0066	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/81-08/10/82	0	2	
YOSE0070	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/15/83-09/15/83	0	1	
YOSE0071	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/81-09/13/83	2	3	
YOSE0072	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/77-09/29/77	0	2	
YOSE0077	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/82-08/11/82	0	1	
YOSE0080	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/15/83-09/15/83	0	1	
YOSE0081	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/81-09/15/83	2	2	
YOSE0083	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/81-08/26/81	0	1	
YOSE0084	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/15/83-09/15/83	0	1	
YOSE0085	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/81-08/11/82	0	2	
YOSE0087	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/82-08/11/82	0	1	
YOSE0090	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/15/83-09/15/83	0	1	
YOSE0091	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/81-08/27/81	0	1	
YOSE0093	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/83-09/14/83	0	1	
YOSE0094	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/81-08/10/82	0	2	
YOSE0097	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/83-09/14/83	0	1	
YOSE0098	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/09/82-08/09/82	0	1	
YOSE0108	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/81-08/09/82	0	2	
YOSE0109	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/83-09/14/83	0	1	
YOSE0111	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/09/82-08/09/82	0	1	
YOSE0113	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/83-09/14/83	0	1	
YOSE0115	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/83-09/14/83	0	1	
YOSE0002	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/29/85-09/29/85	0	1	
YOSE0008	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/29/85-09/29/85	0	1	
YOSE0010	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/76-07/06/76	0	1	
YOSE0019	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/05/72-09/08/77	4	16	
YOSE0025	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/24/85-09/24/85	0	1	
YOSE0033	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/73-09/08/77	4	4	
YOSE0037	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/05/72-09/03/74	1	11	
YOSE0048	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/05/72-06/10/80	7	39	
YOSE0065	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/24/85-09/24/85	0	1	
YOSE0082	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/24/85-09/24/85	0	1	
YOSE0086	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/11/74-06/09/82	7	21	
YOSE0103	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/07/77-09/14/77	0	2	
YOSE0104	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/24/85-09/24/85	0	1	
YOSE0106	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/14/77-07/14/77	0	1	
YOSE0107	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/14/77-07/14/77	0	1	
YOSE0112	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/25/76-10/25/76	0	1	
YOSE0114	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/17/85-10/17/85	0	1	
YOSE0116	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/25/76-10/25/76	0	1	
YOSE0118	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/03/85-10/03/85	0	1	
YOSE0120	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/24/85-09/24/85	0	1	
YOSE0121	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/03/85-10/03/85	0	1	
YOSE0123	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/03/85-10/03/85	0	1	
YOSE0001	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/82-09/12/83	1	2	
YOSE0003	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/91-09/05/91	0	1	
YOSE0004	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/91-09/05/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0005	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/91-09/05/91	0	1	
YOSE0007	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/81-09/12/83	2	2	
YOSE0009	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/91-09/01/91	0	1	
YOSE0011	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/05/72-07/28/77	4	19	
YOSE0020	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/91-08/04/91	0	1	
YOSE0021	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/91-08/04/91	0	1	
YOSE0022	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/81-08/17/82	0	2	
YOSE0023	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/81-08/17/82	0	2	
YOSE0024	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/91-08/01/91	0	1	
YOSE0026	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/13/82-08/13/82	0	1	
YOSE0027	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/91-08/01/91	0	2	
YOSE0028	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/91-08/01/91	0	1	
YOSE0029	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/77-08/12/77	0	1	
YOSE0030	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/13/82-08/13/82	0	1	
YOSE0031	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/77-08/12/77	0	1	
YOSE0032	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/81-08/17/82	0	2	
YOSE0034	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/81-08/17/82	0	2	
YOSE0038	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-09/08/77	4	8	
YOSE0039	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/05/72-09/03/74	1	15	
YOSE0041	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/82-08/17/82	0	1	
YOSE0046	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/16/83-09/16/83	0	1	
YOSE0047	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	24	196	T,A,S
YOSE0050	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/16/83-09/16/83	0	1	
YOSE0051	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/11/76-08/11/77	0	2	
YOSE0053	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/81-08/12/82	0	2	
YOSE0054	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/91-08/02/91	0	1	
YOSE0055	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/81-09/16/83	2	3	
YOSE0056	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/91-08/02/91	0	1	
YOSE0057	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/81-08/12/82	0	2	
YOSE0058	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/91-08/02/91	0	1	
YOSE0061	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/77-09/29/77	0	3	
YOSE0062	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/81-08/16/82	0	2	
YOSE0063	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/91-08/02/91	0	1	
YOSE0064	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/91-08/02/91	0	1	
YOSE0066	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/81-08/10/82	0	2	
YOSE0070	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/15/83-09/15/83	0	1	
YOSE0071	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/81-09/13/83	2	3	
YOSE0072	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/77-09/29/77	0	2	
YOSE0077	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/82-08/11/82	0	1	
YOSE0080	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/15/83-09/15/83	0	1	
YOSE0081	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/27/81-09/15/83	2	2	
YOSE0083	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/81-08/26/81	0	1	
YOSE0084	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/15/83-09/15/83	0	1	
YOSE0085	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/81-08/11/82	0	2	
YOSE0087	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/82-08/11/82	0	1	
YOSE0090	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/15/83-09/15/83	0	1	
YOSE0091	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/27/81-08/27/81	0	1	
YOSE0093	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/83-09/14/83	0	1	
YOSE0094	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/81-08/10/82	0	2	
YOSE0097	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/83-09/14/83	0	1	
YOSE0098	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/81-08/09/82	0	2	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0101	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/09/82-08/09/82	0	1	
YOSE0108	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/81-08/09/82	0	2	
YOSE0109	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/83-09/14/83	0	1	
YOSE0111	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/09/82-08/09/82	0	1	
YOSE0113	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/83-09/14/83	0	1	
YOSE0115	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/83-09/14/83	0	1	
YOSE0010	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/76-07/06/76	0	1	
YOSE0019	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/05/72-09/08/77	4	16	
YOSE0033	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/73-09/08/77	4	4	
YOSE0037	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/05/72-09/03/74	1	11	
YOSE0048	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/05/72-06/10/80	7	39	
YOSE0086	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/11/74-06/09/82	7	21	
YOSE0103	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/07/77-09/14/77	0	2	
YOSE0106	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/14/77-07/14/77	0	1	
YOSE0107	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/14/77-07/14/77	0	1	
YOSE0112	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/25/76-10/25/76	0	1	
YOSE0116	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/25/76-10/25/76	0	1	
YOSE0001	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/82-09/12/83	1	2	
YOSE0002	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/85-09/29/85	0	1	
YOSE0003	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/91-09/05/91	0	1	
YOSE0004	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/91-09/05/91	0	1	
YOSE0005	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/91-09/05/91	0	1	
YOSE0007	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/81-09/12/83	2	2	
YOSE0008	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/85-09/29/85	0	1	
YOSE0009	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/01/91-09/01/91	0	1	
YOSE0011	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/10/76-02/16/77	0	2	
YOSE0020	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/91-08/04/91	0	1	
YOSE0021	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/91-08/04/91	0	1	
YOSE0022	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/81-08/17/82	0	2	
YOSE0023	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/81-08/17/82	0	2	
YOSE0024	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/91-08/01/91	0	1	
YOSE0025	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/85-09/24/85	0	1	
YOSE0026	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/82-08/13/82	0	1	
YOSE0027	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/91-08/01/91	0	2	
YOSE0028	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/91-08/01/91	0	1	
YOSE0029	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/12/77-08/12/77	0	1	
YOSE0030	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/82-08/13/82	0	1	
YOSE0031	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/12/77-08/12/77	0	1	
YOSE0032	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/81-08/17/82	0	2	
YOSE0034	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/81-08/17/82	0	2	
YOSE0038	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/10/76-02/16/77	0	2	
YOSE0039	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/81-08/16/82	0	2	
YOSE0041	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/17/82-08/17/82	0	1	
YOSE0046	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/16/83-09/16/83	0	1	
YOSE0047	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	24	157	T,A,S
YOSE0048	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/12/74-08/15/74	0	2	
YOSE0050	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/16/83-09/16/83	0	1	
YOSE0051	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/11/76-08/11/77	0	2	
YOSE0053	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/81-08/12/82	0	2	
YOSE0054	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/02/91-08/02/91	0	1	
YOSE0055	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/81-09/16/83	2	3	
YOSE0056	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/02/91-08/02/91	0	1	
YOSE0057	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/81-08/12/82	0	2	
YOSE0058	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/02/91-08/02/91	0	1	
YOSE0061	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/17/77-09/29/77	0	3	
YOSE0062	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/81-08/16/82	0	2	
YOSE0063	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/02/91-08/02/91	0	1	
YOSE0064	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/02/91-08/02/91	0	1	
YOSE0065	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/85-09/24/85	0	1	
YOSE0066	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/81-08/10/82	0	2	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0070	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/15/83-09/15/83	0	1	
YOSE0071	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/81-09/13/83	2	3	
YOSE0072	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/17/77-09/29/77	0	2	
YOSE0077	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/82-08/11/82	0	1	
YOSE0080	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/15/83-09/15/83	0	1	
YOSE0081	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/27/81-09/15/83	2	2	
YOSE0082	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/85-09/24/85	0	1	
YOSE0083	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/81-08/26/81	0	1	
YOSE0084	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/15/83-09/15/83	0	1	
YOSE0085	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/81-08/11/82	0	2	
YOSE0087	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/82-08/11/82	0	1	
YOSE0090	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/15/83-09/15/83	0	1	
YOSE0091	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/27/81-08/27/81	0	1	
YOSE0093	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/83-09/14/83	0	1	
YOSE0094	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/81-08/10/82	0	2	
YOSE0097	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/83-09/14/83	0	1	
YOSE0098	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/82-08/09/82	0	1	
YOSE0104	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/85-09/24/85	0	1	
YOSE0108	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/81-08/09/82	0	2	
YOSE0109	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/83-09/14/83	0	1	
YOSE0111	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/82-08/09/82	0	1	
YOSE0113	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/83-09/14/83	0	1	
YOSE0114	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/85-10/17/85	0	1	
YOSE0115	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/83-09/14/83	0	1	
YOSE0118	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/85-10/03/85	0	1	
YOSE0120	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/85-09/24/85	0	1	
YOSE0121	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/85-10/03/85	0	1	
YOSE0123	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/85-10/03/85	0	1	
YOSE0001	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/82-09/12/83	1	2	
YOSE0002	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/29/85-09/29/85	0	1	
YOSE0003	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/05/91-09/05/91	0	1	
YOSE0004	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/05/91-09/05/91	0	1	
YOSE0005	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/05/91-09/05/91	0	1	
YOSE0007	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/81-09/12/83	2	2	
YOSE0008	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/29/85-09/29/85	0	1	
YOSE0009	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/01/91-09/01/91	0	1	
YOSE0011	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/81-08/19/82	1	2	
YOSE0012	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/81-08/19/82	1	2	
YOSE0014	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/30/73-12/01/77	4	21	
YOSE0019	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/03/73-09/03/74	1	10	
YOSE0020	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/91-08/04/91	0	1	
YOSE0021	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/91-08/04/91	0	1	
YOSE0022	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/81-08/17/82	0	2	
YOSE0023	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/20/81-08/17/82	0	2	
YOSE0024	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/01/91-08/01/91	0	1	
YOSE0025	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/85-09/24/85	0	1	
YOSE0026	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/82-08/13/82	0	1	
YOSE0027	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/01/91-08/01/91	0	2	
YOSE0028	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/01/91-08/01/91	0	1	
YOSE0029	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/77-08/12/77	0	1	
YOSE0030	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/82-08/13/82	0	1	
YOSE0031	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/77-08/12/77	0	1	
YOSE0032	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/81-08/17/82	0	2	
YOSE0034	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/81-08/17/82	0	2	
YOSE0037	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/03/73-09/03/74	1	10	
YOSE0038	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/10/76-11/30/77	1	8	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0039	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/81-08/16/82	0	2	
YOSE0040	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/30/73-09/03/74	1	14	
YOSE0041	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/82-08/17/82	0	1	
YOSE0046	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/16/83-09/16/83	0	1	
YOSE0047	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	24	172	T,A,S
YOSE0048	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/03/73-09/03/74	1	11	
YOSE0050	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/16/83-09/16/83	0	1	
YOSE0051	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/11/76-08/11/77	0	2	
YOSE0053	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/81-08/12/82	0	2	
YOSE0054	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/02/91-08/02/91	0	1	
YOSE0055	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/81-09/16/83	2	3	
YOSE0056	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/02/91-08/02/91	0	1	
YOSE0057	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/81-08/12/82	0	2	
YOSE0058	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/02/91-08/02/91	0	1	
YOSE0061	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/77-09/29/77	0	3	
YOSE0062	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/81-08/16/82	0	2	
YOSE0063	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/02/91-08/02/91	0	1	
YOSE0064	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/02/91-08/02/91	0	1	
YOSE0065	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/85-09/24/85	0	1	
YOSE0066	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/81-08/26/81	0	1	
YOSE0069	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/81-08/10/82	0	2	
YOSE0070	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/15/83-09/15/83	0	1	
YOSE0071	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/81-09/13/83	2	3	
YOSE0072	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/28/81-08/28/81	0	1	
YOSE0073	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/82-08/10/82	0	1	
YOSE0074	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/77-09/29/77	0	2	
YOSE0077	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/82-08/17/82	0	1	
YOSE0079	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/11/82-08/11/82	0	1	
YOSE0080	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/15/83-09/15/83	0	1	
YOSE0081	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/27/81-09/15/83	2	2	
YOSE0082	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/85-09/24/85	0	1	
YOSE0083	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/81-08/26/81	0	1	
YOSE0084	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/15/83-09/15/83	0	1	
YOSE0085	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/20/81-08/11/82	0	2	
YOSE0087	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/81-08/10/82	0	2	
YOSE0089	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/11/82-08/11/82	0	1	
YOSE0090	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/15/83-09/15/83	0	1	
YOSE0091	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/20/81-08/20/81	0	1	
YOSE0092	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/27/81-08/27/81	0	1	
YOSE0093	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/83-09/14/83	0	1	
YOSE0094	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/81-08/10/82	0	2	
YOSE0097	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/83-09/14/83	0	1	
YOSE0098	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/81-08/09/82	0	2	
YOSE0101	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/82-08/09/82	0	1	
YOSE0104	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/85-09/24/85	0	1	
YOSE0108	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/81-08/09/82	0	2	
YOSE0109	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/83-09/14/83	0	1	
YOSE0111	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/82-08/09/82	0	1	
YOSE0113	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/83-09/14/83	0	1	
YOSE0114	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/17/85-10/17/85	0	1	
YOSE0115	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/83-09/14/83	0	1	
YOSE0118	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/03/85-10/03/85	0	1	
YOSE0120	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/85-09/24/85	0	1	
YOSE0121	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/03/85-10/03/85	0	1	
YOSE0123	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/03/85-10/03/85	0	1	
YOSE0003	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/05/91-09/05/91	0	1	
YOSE0004	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/05/91-09/05/91	0	1	
YOSE0005	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/01/91-09/01/91	0	1	
YOSE0018	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/03/73-09/03/74	1	12	
YOSE0019	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/03/73-07/05/73	0	3	
YOSE0037	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/03/73-07/05/73	0	3	
YOSE0040	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/03/73-09/03/74	1	13	
YOSE0047	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/08/73-07/17/91	18	56	S

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0048	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/03/73-06/10/80	6	6	
YOSE0086	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/12/77-06/09/82	5	10	
YOSE0018	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	07/03/74-09/03/74	0	5	
YOSE0040	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	07/03/74-09/03/74	0	6	
YOSE0047	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	07/03/74-09/21/82	8	14	
YOSE0018	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/73-09/03/74	1	13	
YOSE0019	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	05/22/74-09/03/74	0	7	
YOSE0037	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	05/22/74-09/03/74	0	7	
YOSE0040	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/73-09/03/74	1	14	
YOSE0047	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	05/29/73-09/21/82	9	31	
YOSE0048	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/03/74-09/03/74	0	6	
YOSE0003	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/05/91-09/05/91	0	1	
YOSE0004	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/05/91-09/05/91	0	1	
YOSE0005	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/01/91-09/01/91	0	1	
YOSE0047	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/10/80-05/28/92	11	38	
YOSE0048	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/10/80-06/10/80	0	1	
YOSE0086	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/12/77-06/09/82	5	10	
YOSE0047	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	07/31/80-09/24/81	1	4	
YOSE0047	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	11/19/74-09/21/82	7	13	
YOSE0003	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/05/91-09/05/91	0	1	
YOSE0004	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/05/91-09/05/91	0	1	
YOSE0005	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/01/91-09/01/91	0	1	
YOSE0047	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/31/80-07/17/91	10	34	
YOSE0047	Yes	01015	BISMUTH, DISSOLVED (UG/L AS BI)	10/06/70-10/06/70	0	1	
YOSE0001	No	01020	BORON, DISSOLVED (UG/L AS B)	08/18/82-09/12/83	1	2	
YOSE0003	No	01020	BORON, DISSOLVED (UG/L AS B)	09/05/91-09/05/91	0	1	
YOSE0004	No	01020	BORON, DISSOLVED (UG/L AS B)	09/05/91-09/05/91	0	1	
YOSE0005	No	01020	BORON, DISSOLVED (UG/L AS B)	09/05/91-09/05/91	0	1	
YOSE0007	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/18/81-09/12/83	2	2	
YOSE0009	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/01/91-09/01/91	0	1	
YOSE0010	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/06/76-07/06/76	0	1	
YOSE0011	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/18/81-08/19/82	1	2	
YOSE0012	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/17/81-08/19/82	1	2	
YOSE0014	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/05/72-07/28/77	4	5	
YOSE0019	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/05/72-09/08/77	4	6	
YOSE0022	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/18/81-08/17/82	0	2	
YOSE0023	No	01020	BORON, DISSOLVED (UG/L AS B)	08/20/81-08/17/82	0	2	
YOSE0026	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/13/82-08/13/82	0	1	
YOSE0030	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/13/82-08/13/82	0	1	
YOSE0032	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/19/81-08/17/82	0	2	
YOSE0033	Yes	01020	BORON, DISSOLVED (UG/L AS B)	02/21/73-09/08/77	4	4	
YOSE0034	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/18/81-08/17/82	0	2	
YOSE0037	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/05/72-10/05/72	0	1	
YOSE0038	Yes	01020	BORON, DISSOLVED (UG/L AS B)	02/21/73-09/08/77	4	7	
YOSE0039	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/19/81-08/16/82	0	2	
YOSE0040	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/05/72-10/05/72	0	1	
YOSE0041	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/17/82-08/17/82	0	1	
YOSE0046	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/16/83-09/16/83	0	1	
YOSE0047	Yes	01020	BORON, DISSOLVED (UG/L AS B)	03/12/68-06/10/80	12	71	
YOSE0048	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/05/72-06/10/80	7	29	
YOSE0050	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/16/83-09/16/83	0	1	
YOSE0053	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/26/81-08/12/82	0	2	
YOSE0055	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/26/81-09/16/83	2	3	
YOSE0057	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/26/81-08/12/82	0	2	
YOSE0062	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/19/81-08/16/82	0	2	
YOSE0066	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/26/81-08/26/81	0	1	
YOSE0069	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/26/81-08/10/82	0	2	
YOSE0070	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/15/83-09/15/83	0	1	
YOSE0071	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/21/81-09/13/83	2	3	
YOSE0072	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/28/81-08/28/81	0	1	
YOSE0073	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/10/82-08/10/82	0	1	
YOSE0077	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/17/82-08/17/82	0	1	

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Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0079	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/11/82-08/11/82	0	1	
YOSE0080	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/15/83-09/15/83	0	1	
YOSE0081	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/27/81-09/15/83	2	2	
YOSE0083	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/26/81-08/26/81	0	1	
YOSE0084	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/15/83-09/15/83	0	1	
YOSE0085	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/20/81-08/11/82	0	2	
YOSE0086	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/11/74-06/09/82	7	21	
YOSE0087	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/23/81-08/10/82	0	2	
YOSE0089	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/11/82-08/11/82	0	1	
YOSE0090	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/15/83-09/15/83	0	1	
YOSE0091	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/20/81-08/20/81	0	1	
YOSE0092	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/27/81-08/27/81	0	1	
YOSE0093	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/14/83-09/14/83	0	1	
YOSE0094	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/23/81-08/10/82	0	2	
YOSE0097	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/14/83-09/14/83	0	1	
YOSE0098	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/23/81-08/09/82	0	2	
YOSE0101	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/09/82-08/09/82	0	1	
YOSE0103	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/07/77-09/14/77	0	2	
YOSE0106	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/14/77-07/14/77	0	1	
YOSE0107	No	01020	BORON, DISSOLVED (UG/L AS B)	07/14/77-07/14/77	0	1	
YOSE0108	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/23/81-08/09/82	0	2	
YOSE0109	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/14/83-09/14/83	0	1	
YOSE0111	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/09/82-08/09/82	0	1	
YOSE0112	No	01020	BORON, DISSOLVED (UG/L AS B)	10/25/76-10/25/76	0	1	
YOSE0113	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/14/83-09/14/83	0	1	
YOSE0115	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/14/83-09/14/83	0	1	
YOSE0116	No	01020	BORON, DISSOLVED (UG/L AS B)	10/25/76-10/25/76	0	1	
YOSE0003	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/05/91-09/05/91	0	1	
YOSE0004	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/05/91-09/05/91	0	1	
YOSE0005	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/01/91-09/01/91	0	1	
YOSE0018	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/03/73-09/03/74	1	12	
YOSE0019	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/03/73-07/05/73	0	3	
YOSE0037	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/03/73-07/05/73	0	3	
YOSE0040	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/03/73-09/03/74	1	13	
YOSE0047	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/08/73-07/17/91	18	54	S
YOSE0048	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/03/73-06/10/80	6	4	
YOSE0086	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/12/77-06/09/82	5	10	
YOSE0018	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	07/03/74-09/03/74	0	5	
YOSE0040	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	07/03/74-09/03/74	0	6	
YOSE0047	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	07/03/74-04/23/81	6	11	
YOSE0018	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/30/73-09/03/74	1	13	
YOSE0019	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/22/74-09/03/74	0	7	
YOSE0037	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/22/74-09/03/74	0	7	
YOSE0040	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/30/73-09/03/74	1	14	
YOSE0047	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	05/29/73-09/21/82	9	29	
YOSE0048	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	07/03/74-09/03/74	0	6	
YOSE0003	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/05/91-09/05/91	0	1	
YOSE0004	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/05/91-09/05/91	0	1	
YOSE0005	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/01/91-09/01/91	0	1	
YOSE0018	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/03/73-09/03/74	1	12	
YOSE0019	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/03/73-07/05/73	0	3	
YOSE0037	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/03/73-07/05/73	0	3	
YOSE0040	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/03/73-09/03/74	1	13	
YOSE0047	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/08/73-07/17/91	18	59	S
YOSE0048	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/03/73-06/10/80	6	10	
YOSE0086	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/12/77-06/09/82	5	10	
YOSE0018	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	07/03/74-09/03/74	0	5	
YOSE0040	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	07/03/74-09/03/74	0	6	
YOSE0047	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	07/03/74-09/24/81	7	13	
YOSE0018	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/30/73-09/03/74	1	13	
YOSE0019	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/22/74-09/03/74	0	7	
YOSE0037	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/22/74-09/03/74	0	7	
YOSE0040	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/30/73-09/03/74	1	14	
YOSE0047	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/29/73-09/21/82	9	32	
YOSE0048	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/03/74-09/03/74	0	6	
YOSE0003	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/05/91-09/05/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0004	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/05/91-09/05/91	0	1	
YOSE0005	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	09/01/91-09/01/91	0	1	
YOSE0018	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/03/73-09/03/74	1	12	
YOSE0019	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/03/73-07/05/73	0	3	
YOSE0037	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/03/73-07/05/73	0	3	
YOSE0040	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/03/73-09/03/74	1	13	
YOSE0047	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	10/06/70-05/28/92	21	57	S
YOSE0048	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/03/73-07/05/73	0	3	
YOSE0018	Yes	01036	COBALT, SUSPENDED (UG/L AS CO)	07/03/74-09/03/74	0	5	
YOSE0040	Yes	01036	COBALT, SUSPENDED (UG/L AS CO)	07/03/74-09/03/74	0	6	
YOSE0047	Yes	01036	COBALT, SUSPENDED (UG/L AS CO)	07/03/74-07/28/77	3	10	
YOSE0018	Yes	01037	COBALT, TOTAL (UG/L AS CO)	05/30/73-09/03/74	1	13	
YOSE0019	Yes	01037	COBALT, TOTAL (UG/L AS CO)	05/22/74-09/03/74	0	7	
YOSE0037	Yes	01037	COBALT, TOTAL (UG/L AS CO)	05/22/74-09/03/74	0	7	
YOSE0040	Yes	01037	COBALT, TOTAL (UG/L AS CO)	05/30/73-09/03/74	1	14	
YOSE0047	Yes	01037	COBALT, TOTAL (UG/L AS CO)	05/29/73-07/28/77	4	18	
YOSE0048	Yes	01037	COBALT, TOTAL (UG/L AS CO)	07/03/74-09/03/74	0	6	
YOSE0003	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/05/91-09/05/91	0	1	
YOSE0004	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/05/91-09/05/91	0	1	
YOSE0005	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/01/91-09/01/91	0	1	
YOSE0047	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	11/10/76-07/17/91	14	44	
YOSE0048	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/07/77-06/10/80	2	7	
YOSE0086	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	04/12/77-06/09/82	5	10	
YOSE0047	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	11/10/76-07/28/77	0	4	
YOSE0047	Yes	01042	COPPER, TOTAL (UG/L AS CU)	11/19/74-09/21/82	7	18	
YOSE0047	Yes	01044	IRON, SUSPENDED (UG/L AS FE)	07/31/80-09/21/82	2	6	
YOSE0018	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/30/73-09/03/74	1	12	
YOSE0019	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/03/74-09/03/74	0	6	
YOSE0037	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/03/74-09/03/74	0	6	
YOSE0040	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/30/73-09/03/74	1	13	
YOSE0047	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/29/73-09/21/82	9	31	
YOSE0048	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/03/74-09/03/74	0	6	
YOSE0001	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/82-09/12/83	1	2	
YOSE0003	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/05/91-09/05/91	0	1	
YOSE0004	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/05/91-09/05/91	0	1	
YOSE0005	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/05/91-09/05/91	0	1	
YOSE0007	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/81-09/12/83	2	2	
YOSE0009	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/01/91-09/01/91	0	1	
YOSE0011	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/81-08/19/82	1	2	
YOSE0012	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/81-08/18/82	1	2	
YOSE0013	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/17/81-08/19/82	1	2	
YOSE0014	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/81-08/18/82	1	2	
YOSE0016	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/81-08/18/82	1	2	
YOSE0018	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/30/73-09/03/74	1	9	
YOSE0019	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/03/73-07/05/73	0	3	
YOSE0020	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/91-08/04/91	0	1	
YOSE0021	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/91-08/04/91	0	1	
YOSE0022	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/81-08/17/82	0	2	
YOSE0023	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/20/81-08/17/82	0	2	
YOSE0024	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/01/91-08/01/91	0	1	
YOSE0026	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/13/82-08/13/82	0	1	
YOSE0027	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/01/91-08/01/91	0	2	
YOSE0028	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/01/91-08/01/91	0	1	
YOSE0030	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/13/82-08/13/82	0	1	
YOSE0032	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/19/81-08/17/82	0	2	
YOSE0034	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/81-08/17/82	0	2	
YOSE0037	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/03/73-07/05/73	0	3	
YOSE0039	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/19/81-08/16/82	0	2	
YOSE0040	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/30/73-09/03/74	1	10	
YOSE0041	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/17/82-08/17/82	0	1	
YOSE0046	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/16/83-09/16/83	0	1	
YOSE0047	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/12/68-05/28/92	24	96	T,S
YOSE0048	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/03/73-06/10/80	6	11	
YOSE0050	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/16/83-09/16/83	0	1	
YOSE0053	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/81-08/12/82	0	2	
YOSE0054	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/02/91-08/02/91	0	1	
YOSE0055	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/81-09/16/83	2	3	
YOSE0056	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/02/91-08/02/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0057	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/81-08/12/82	0	2	
YOSE0058	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/02/91-08/02/91	0	1	
YOSE0062	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/19/81-08/16/82	0	2	
YOSE0063	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/02/91-08/02/91	0	1	
YOSE0064	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/02/91-08/02/91	0	1	
YOSE0066	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/81-08/10/82	0	2	
YOSE0067	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/10/82-08/10/82	0	1	
YOSE0068	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/81-08/26/81	0	1	
YOSE0069	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/81-08/10/82	0	2	
YOSE0070	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/15/83-09/15/83	0	1	
YOSE0071	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/21/81-09/13/83	2	3	
YOSE0072	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/28/81-08/28/81	0	1	
YOSE0073	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/10/82-08/10/82	0	1	
YOSE0077	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/21/81-08/21/81	0	1	
YOSE0078	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/17/82-08/17/82	0	1	
YOSE0079	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/11/82-08/11/82	0	1	
YOSE0080	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/15/83-09/15/83	0	1	
YOSE0081	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/27/81-09/15/83	2	2	
YOSE0083	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/81-08/26/81	0	1	
YOSE0084	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/15/83-09/15/83	0	1	
YOSE0085	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/20/81-08/11/82	0	2	
YOSE0086	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/12/77-06/09/82	5	10	
YOSE0087	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/21/81-08/11/82	0	2	
YOSE0088	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/23/81-08/10/82	0	2	
YOSE0089	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/11/82-08/11/82	0	1	
YOSE0090	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/15/83-09/15/83	0	1	
YOSE0091	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/20/81-08/20/81	0	1	
YOSE0092	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/27/81-08/27/81	0	1	
YOSE0093	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/14/83-09/14/83	0	1	
YOSE0094	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/27/81-08/10/82	0	2	
YOSE0095	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/27/81-08/10/82	0	2	
YOSE0096	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/23/81-08/10/82	0	2	
YOSE0097	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/14/83-09/14/83	0	1	
YOSE0098	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/23/81-08/09/82	0	2	
YOSE0101	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/23/81-08/09/82	0	2	
YOSE0102	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/09/82-08/09/82	0	1	
YOSE0108	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/23/81-08/09/82	0	2	
YOSE0109	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/14/83-09/14/83	0	1	
YOSE0111	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/09/82-08/09/82	0	1	
YOSE0113	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/14/83-09/14/83	0	1	
YOSE0115	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/14/83-09/14/83	0	1	
YOSE0003	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/05/91-09/05/91	0	1	
YOSE0004	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/05/91-09/05/91	0	1	
YOSE0005	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/01/91-09/01/91	0	1	
YOSE0018	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/03/73-09/03/74	1	12	
YOSE0019	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/03/73-07/05/73	0	3	
YOSE0037	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/03/73-07/05/73	0	3	
YOSE0040	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/03/73-09/03/74	1	13	
YOSE0047	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	01/08/73-07/17/91	18	55	S
YOSE0048	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/03/73-06/10/80	6	4	
YOSE0086	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	04/12/77-06/09/82	5	10	
YOSE0018	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	07/03/74-09/03/74	0	5	
YOSE0040	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	07/03/74-09/03/74	0	6	
YOSE0047	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	07/03/74-04/23/81	6	12	
YOSE0018	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/30/73-09/03/74	1	13	
YOSE0019	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/22/74-09/03/74	0	7	
YOSE0037	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/22/74-09/03/74	0	7	
YOSE0040	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/30/73-09/03/74	1	14	
YOSE0047	Yes	01051	LEAD, TOTAL (UG/L AS PB)	05/29/73-09/21/82	9	28	
YOSE0048	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/03/74-09/03/74	0	6	
YOSE0047	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/10/76-09/21/82	5	8	
YOSE0018	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/22/74-05/22/74	0	1	
YOSE0019	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/22/74-05/22/74	0	1	
YOSE0037	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/22/74-05/22/74	0	1	
YOSE0040	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/22/74-05/22/74	0	1	
YOSE0047	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/23/74-09/21/82	8	19	
YOSE0002	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/85-09/29/85	0	1	
YOSE0003	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/05/91-09/05/91	0	1	
YOSE0004	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/05/91-09/05/91	0	1	
YOSE0005	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/05/91-09/05/91	0	1	
YOSE0008	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/85-09/29/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0009	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/01/91-09/01/91	0	1	
YOSE0018	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/22/74-05/22/74	0	1	
YOSE0020	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/91-08/04/91	0	1	
YOSE0021	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/91-08/04/91	0	1	
YOSE0024	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/01/91-08/01/91	0	1	
YOSE0025	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/85-09/24/85	0	1	
YOSE0027	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/01/91-08/01/91	0	2	
YOSE0028	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/01/91-08/01/91	0	1	
YOSE0040	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/22/74-05/22/74	0	1	
YOSE0047	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/23/74-05/28/92	18	45	S
YOSE0048	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/10/78-06/10/80	1	2	
YOSE0054	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/02/91-08/02/91	0	1	
YOSE0056	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/02/91-08/02/91	0	1	
YOSE0058	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/02/91-08/02/91	0	1	
YOSE0063	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/02/91-08/02/91	0	1	
YOSE0064	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/02/91-08/02/91	0	1	
YOSE0065	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/85-09/24/85	0	1	
YOSE0082	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/85-09/24/85	0	1	
YOSE0086	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/12/77-06/09/82	5	10	
YOSE0104	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/85-09/24/85	0	1	
YOSE0114	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/17/85-10/17/85	0	1	
YOSE0118	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/85-10/03/85	0	1	
YOSE0120	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/85-09/24/85	0	1	
YOSE0121	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/85-10/03/85	0	1	
YOSE0123	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/85-10/03/85	0	1	
YOSE0003	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/05/91-09/05/91	0	1	
YOSE0004	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/05/91-09/05/91	0	1	
YOSE0005	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/01/91-09/01/91	0	1	
YOSE0047	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/31/80-05/28/92	11	37	
YOSE0003	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/05/91-09/05/91	0	1	
YOSE0004	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/05/91-09/05/91	0	1	
YOSE0005	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/01/91-09/01/91	0	1	
YOSE0047	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/06/70-05/28/92	21	32	
YOSE0003	No	01075	SILVER, DISSOLVED (UG/L AS AG)	09/05/91-09/05/91	0	1	
YOSE0004	No	01075	SILVER, DISSOLVED (UG/L AS AG)	09/05/91-09/05/91	0	1	
YOSE0005	No	01075	SILVER, DISSOLVED (UG/L AS AG)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	09/01/91-09/01/91	0	1	
YOSE0047	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/25/77-05/28/92	15	39	
YOSE0047	Yes	01076	SILVER, SUSPENDED (UG/L AS AG)	05/25/77-09/21/82	5	7	
YOSE0047	Yes	01077	SILVER, TOTAL (UG/L AS AG)	11/19/74-09/21/82	7	16	
YOSE0003	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/05/91-09/05/91	0	1	
YOSE0004	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/05/91-09/05/91	0	1	
YOSE0005	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/01/91-09/01/91	0	1	
YOSE0047	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	12/11/68-05/28/92	23	38	S
YOSE0003	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/05/91-09/05/91	0	1	
YOSE0004	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/05/91-09/05/91	0	1	
YOSE0005	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	09/01/91-09/01/91	0	1	
YOSE0047	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/31/80-05/28/92	11	37	
YOSE0003	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/05/91-09/05/91	0	1	
YOSE0004	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/05/91-09/05/91	0	1	
YOSE0005	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/01/91-09/01/91	0	1	
YOSE0018	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/03/73-09/03/74	1	11	
YOSE0019	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/03/73-07/05/73	0	3	
YOSE0037	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/03/73-07/05/73	0	3	
YOSE0040	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/03/73-09/03/74	1	12	
YOSE0047	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	01/08/73-07/17/91	18	55	S
YOSE0048	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/03/73-10/09/79	6	9	
YOSE0086	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/12/77-10/12/77	0	1	
YOSE0018	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	07/03/74-09/03/74	0	5	
YOSE0040	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	07/03/74-09/03/74	0	6	
YOSE0047	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	07/03/74-09/21/82	8	15	
YOSE0018	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/30/73-09/03/74	1	12	
YOSE0019	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/22/74-09/03/74	0	7	
YOSE0037	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/22/74-09/03/74	0	7	
YOSE0040	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/30/73-09/03/74	1	13	
YOSE0047	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	05/29/73-09/21/82	9	29	
YOSE0048	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	07/03/74-09/03/74	0	6	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0002	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/29/85-09/29/85	0	1	
YOSE0008	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/29/85-09/29/85	0	1	
YOSE0025	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-09/24/85	0	1	
YOSE0065	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-09/24/85	0	1	
YOSE0082	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-09/24/85	0	1	
YOSE0104	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-09/24/85	0	1	
YOSE0114	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/17/85-10/17/85	0	1	
YOSE0118	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/03/85-10/03/85	0	1	
YOSE0120	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-09/24/85	0	1	
YOSE0121	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/03/85-10/03/85	0	1	
YOSE0123	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/03/85-10/03/85	0	1	
YOSE0003	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/05/91-09/05/91	0	1	
YOSE0004	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/05/91-09/05/91	0	1	
YOSE0005	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/01/91-09/01/91	0	1	
YOSE0047	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/01/82-05/28/92	9	31	
YOSE0003	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/05/91-09/05/91	0	1	
YOSE0004	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/05/91-09/05/91	0	1	
YOSE0005	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/01/91-09/01/91	0	1	
YOSE0047	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	12/11/68-05/28/92	23	38	S
YOSE0047	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/10/76-05/28/92	15	43	
YOSE0048	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/10/78-06/10/80	1	2	
YOSE0086	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/12/77-06/09/82	5	10	
YOSE0047	Yes	01146	SELENIUM, SUSPENDED (UG/L AS SE)	11/10/76-09/24/81	4	7	
YOSE0047	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	11/19/74-09/21/82	7	17	
YOSE0047	Yes	01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	11/20/67-09/21/83	15	6	
YOSE0047	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	11/20/67-09/21/82	14	7	
YOSE0047	Yes	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	11/20/67-01/16/92	24	26	S
YOSE0047	Yes	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	11/20/67-01/16/92	24	27	S
YOSE0047	Yes	09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	10/12/72-10/12/72	0	1	
YOSE0047	Yes	09511	RADIUM 226, DISSOLVED, RADON METHOD	11/20/67-01/16/92	24	25	S
YOSE0047	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/26/69-01/16/92	22	12	
YOSE0047	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/12/68-09/30/80	12	76	
YOSE0117	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	09/01/78-09/01/78	0	1	
YOSE0018	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/73-09/02/74	1	21	
YOSE0040	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/73-09/02/74	1	19	
YOSE0047	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/29/73-08/16/76	3	28	
YOSE0001	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/82-09/12/83	1	2	
YOSE0007	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-09/12/83	2	2	
YOSE0011	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-08/19/82	1	2	
YOSE0012	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-08/18/82	1	2	
YOSE0013	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/17/81-08/19/82	1	2	
YOSE0014	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/82-08/18/82	0	1	
YOSE0015	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-08/18/82	1	2	
YOSE0016	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/12/82-08/12/82	0	1	
YOSE0017	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/82-08/18/82	0	1	
YOSE0022	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-08/17/82	0	2	
YOSE0023	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/20/81-08/17/82	0	2	
YOSE0026	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/13/82-08/13/82	0	1	
YOSE0030	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/13/82-08/13/82	0	1	
YOSE0032	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/19/81-08/17/82	0	5	
YOSE0034	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-08/17/82	0	2	
YOSE0039	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/19/81-08/19/81	0	1	
YOSE0041	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/17/82-08/17/82	0	1	
YOSE0046	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/83-09/16/83	0	1	
YOSE0047	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/76-05/26/93	16	93	T
YOSE0050	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/83-09/16/83	0	1	
YOSE0053	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/12/82	0	2	
YOSE0055	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-09/16/83	2	3	
YOSE0057	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/12/82	0	2	
YOSE0062	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/19/81-08/19/81	0	1	
YOSE0066	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/10/82	0	2	
YOSE0067	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/10/82-08/10/82	0	1	
YOSE0068	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/26/81	0	1	
YOSE0069	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/10/82	0	2	
YOSE0070	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/15/83-09/15/83	0	1	
YOSE0071	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/21/81-09/13/83	2	3	
YOSE0072	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/28/81-08/28/81	0	1	
YOSE0073	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/10/82-08/10/82	0	1	
YOSE0077	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/21/81-08/21/81	0	1	
YOSE0078	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/17/82-08/17/82	0	1	

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Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0079	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/11/82-08/11/82	0	1	
YOSE0080	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/15/83-09/15/83	0	1	
YOSE0081	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/27/81-09/15/83	2	2	
YOSE0083	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/26/81	0	1	
YOSE0084	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/15/83-09/15/83	0	1	
YOSE0085	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/20/81-08/11/82	0	2	
YOSE0087	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/21/81-08/11/82	0	2	
YOSE0088	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/23/81-08/10/82	0	2	
YOSE0089	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/11/82-08/11/82	0	1	
YOSE0090	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/15/83-09/15/83	0	1	
YOSE0091	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/20/81-08/20/81	0	1	
YOSE0092	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/27/81-08/27/81	0	1	
YOSE0093	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/14/83-09/14/83	0	1	
YOSE0094	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/27/81-08/10/82	0	2	
YOSE0095	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/27/81-08/10/82	0	2	
YOSE0096	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/23/81-08/10/82	0	2	
YOSE0097	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/14/83-09/14/83	0	1	
YOSE0098	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/23/81-08/09/82	0	2	
YOSE0101	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/23/81-08/09/82	0	2	
YOSE0102	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/09/82-08/09/82	0	1	
YOSE0108	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/23/81-08/09/82	0	2	
YOSE0109	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/14/83-09/14/83	0	1	
YOSE0111	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/09/82-08/09/82	0	1	
YOSE0113	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/14/83-09/14/83	0	1	
YOSE0115	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/14/83-09/14/83	0	1	
YOSE0032	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/19/81-08/17/82	0	5	
YOSE0041	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/17/82-08/17/82	0	1	
YOSE0047	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/04/76-11/18/92	16	89	T
YOSE0078	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/17/82-08/17/82	0	1	
YOSE0018	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/01/74-09/02/74	0	10	
YOSE0047	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	01/16/74-01/10/77	2	17	
YOSE0117	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/20/77-09/01/78	1	6	
YOSE0122	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/10/75-09/22/76	1	5	
YOSE0117	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	06/20/77-09/17/77	0	4	
YOSE0122	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/10/75-09/22/76	1	5	
YOSE0117	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	06/20/77-09/17/77	0	4	
YOSE0122	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/10/75-09/22/76	1	5	
YOSE0018	Yes	32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	09/02/74-09/02/74	0	1	
YOSE0040	Yes	32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	09/02/74-09/02/74	0	1	
YOSE0047	Yes	32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	08/15/74-10/05/74	0	2	
YOSE0018	Yes	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	09/02/74-09/02/74	0	1	
YOSE0040	Yes	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	09/02/74-09/02/74	0	1	
YOSE0047	Yes	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	08/15/74-10/05/74	0	2	
YOSE0105	Yes	32230	CHLOROPHYLL A (MG/L)	05/17/76-05/17/76	0	1	
YOSE0105	Yes	32231	CHLOROPHYLL B (MG/L)	05/17/76-05/17/76	0	1	
YOSE0047	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/10/80-06/10/80	0	1	
YOSE0048	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/10/80-06/10/80	0	1	
YOSE0086	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/06/77-06/09/81	4	8	
YOSE0047	Yes	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	09/20/79-09/21/82	3	3	
YOSE0019	Yes	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	01/12/88-01/12/88	0	1	
YOSE0033	Yes	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	11/15/83-04/10/84	0	2	
YOSE0047	Yes	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	05/17/90-11/18/92	2	8	
YOSE0048	Yes	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	12/13/78-06/10/80	1	3	
YOSE0086	Yes	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	08/07/79-10/21/86	7	15	
YOSE0048	Yes	39040	S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE WTR-FPD UG/L	07/07/77-07/11/78	1	2	
YOSE0086	Yes	39040	S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE WTR-FPD UG/L	07/12/77-09/11/80	3	4	
YOSE0048	Yes	39042	ORG PHOS COMPNONE FOUNDWHOLE WATER SMPL (UG/L)	07/07/77-07/11/78	1	2	
YOSE0086	Yes	39042	ORG PHOS COMPNONE FOUNDWHOLE WATER SMPL (UG/L)	07/12/77-09/11/80	3	4	
YOSE0047	Yes	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/15/88-11/18/92	4	16	
YOSE0047	Yes	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	10/04/76-09/21/82	5	4	
YOSE0047	Yes	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	09/21/82-09/21/82	0	1	
YOSE0047	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	11	8	
YOSE0047	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/71-09/21/82	11	7	
YOSE0047	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/16/71-09/21/82	11	8	
YOSE0047	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	06/16/71-09/21/82	11	7	
YOSE0047	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-09/21/82	11	8	
YOSE0047	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/16/71-09/21/82	11	7	
YOSE0047	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	11	8	
YOSE0047	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/71-09/21/82	11	7	
YOSE0047	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	11	8	
YOSE0047	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/71-09/21/82	11	7	
YOSE0047	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	11	8	

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Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0047	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/71-09/21/82	11	7	
YOSE0047	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	11	8	
YOSE0047	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/16/71-09/21/82	11	7	
YOSE0047	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/01/78-09/21/82	4	4	
YOSE0047	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/21/82-09/21/82	0	1	
YOSE0047	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	11	8	
YOSE0047	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/71-09/21/82	11	7	
YOSE0047	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	10/04/76-09/21/82	5	5	
YOSE0047	Yes	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/04/76-10/04/76	0	1	
YOSE0047	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/04/76-09/21/82	5	5	
YOSE0047	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/04/76-09/21/82	5	4	
YOSE0047	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	11	8	
YOSE0047	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/16/71-09/21/82	11	7	
YOSE0047	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	11	8	
YOSE0047	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/16/71-09/21/82	11	7	
YOSE0047	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/20/79-09/21/82	3	3	
YOSE0047	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	09/20/79-09/21/82	3	3	
YOSE0047	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/04/73-09/21/82	8	6	
YOSE0047	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/04/73-09/21/82	8	5	
YOSE0047	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	11	8	
YOSE0047	Yes	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/71-10/04/76	5	3	
YOSE0047	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	11	8	
YOSE0047	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/71-10/04/76	5	3	
YOSE0047	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	11	8	
YOSE0047	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/71-10/04/76	5	2	
YOSE0047	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	11	8	
YOSE0047	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	06/16/71-10/04/76	5	3	
YOSE0047	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	11	8	
YOSE0047	Yes	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/04/76-10/04/76	0	1	
YOSE0047	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	11	8	
YOSE0047	Yes	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/04/76-10/04/76	0	1	
YOSE0047	Yes	39755	MIREX, TOTAL (UG/L)	06/01/78-09/21/82	4	4	
YOSE0047	Yes	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	09/21/82-09/21/82	0	1	
YOSE0047	Yes	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	11	8	
YOSE0047	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/04/76-10/04/76	0	1	
YOSE0047	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/04/76-09/21/82	5	5	
YOSE0047	Yes	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/04/76-10/04/76	0	1	
YOSE0047	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/04/76-09/21/82	5	5	
YOSE0047	Yes	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	10/04/76-10/04/76	0	1	
YOSE0002	No	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/29/85-09/29/85	0	1	
YOSE0008	No	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/29/85-09/29/85	0	1	
YOSE0025	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/24/85-09/24/85	0	1	
YOSE0065	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/24/85-09/24/85	0	1	
YOSE0082	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/24/85-09/24/85	0	1	
YOSE0104	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/24/85-09/24/85	0	1	
YOSE0114	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/17/85-10/17/85	0	1	
YOSE0118	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/03/85-10/03/85	0	1	
YOSE0120	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/24/85-09/24/85	0	1	
YOSE0121	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/03/85-10/03/85	0	1	
YOSE0123	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/03/85-10/03/85	0	1	
YOSE0003	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/05/91-09/05/91	0	1	
YOSE0004	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/05/91-09/05/91	0	1	
YOSE0005	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/05/91-09/05/91	0	1	
YOSE0009	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/01/91-09/01/91	0	1	
YOSE0010	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/06/76-07/06/76	0	1	
YOSE0018	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/05/72-07/28/77	4	19	
YOSE0019	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/05/72-01/12/88	15	18	
YOSE0029	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/12/77-08/12/77	0	1	
YOSE0031	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/12/77-08/12/77	0	1	
YOSE0033	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/73-04/10/84	11	7	
YOSE0037	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/05/72-09/03/74	1	11	
YOSE0038	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/73-09/08/77	4	9	
YOSE0040	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/30/73-09/03/74	1	14	
YOSE0047	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	20	160	T,A,S
YOSE0048	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/05/72-06/10/80	7	39	
YOSE0051	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/12/76-08/12/77	0	2	
YOSE0052	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/11/76-08/11/77	0	2	
YOSE0061	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-09/29/77	0	3	
YOSE0074	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-09/29/77	0	2	
YOSE0086	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/11/74-10/21/86	12	30	
YOSE0103	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/07/77-09/14/77	0	2	
YOSE0106	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/14/77-07/14/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0107	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/14/77-07/14/77	0	1	
YOSE0112	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/25/76-10/25/76	0	1	
YOSE0116	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/25/76-10/25/76	0	1	
YOSE0001	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/82-08/18/82	0	1	
YOSE0011	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/81-08/19/82	1	2	
YOSE0012	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/82-08/18/82	0	1	
YOSE0013	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/82-08/19/82	0	1	
YOSE0014	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/82-08/18/82	0	1	
YOSE0015	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/82-08/18/82	0	1	
YOSE0016	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/12/82-08/12/82	0	1	
YOSE0017	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/82-08/18/82	0	1	
YOSE0018	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/05/72-07/28/77	4	19	
YOSE0022	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/82-08/17/82	0	1	
YOSE0023	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/82-08/17/82	0	1	
YOSE0029	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/12/77-08/12/77	0	1	
YOSE0031	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/12/77-08/12/77	0	1	
YOSE0032	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/82-08/17/82	0	1	
YOSE0034	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/82-08/17/82	0	1	
YOSE0038	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/10/76-07/28/77	0	4	
YOSE0039	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/16/82-08/16/82	0	1	
YOSE0040	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/05/72-09/03/74	1	15	
YOSE0041	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/82-08/17/82	0	1	
YOSE0047	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	21	125	T,A,S
YOSE0051	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/12/76-08/12/77	0	2	
YOSE0052	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/11/76-08/11/77	0	2	
YOSE0053	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/12/82-08/12/82	0	1	
YOSE0055	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/12/82-08/12/82	0	1	
YOSE0057	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/12/82-08/12/82	0	1	
YOSE0061	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/77-09/29/77	0	3	
YOSE0062	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/16/82-08/16/82	0	1	
YOSE0071	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/12/82-08/12/82	0	1	
YOSE0074	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/77-09/29/77	0	2	
YOSE0078	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/82-08/17/82	0	1	
YOSE0085	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/82-08/11/82	0	1	
YOSE0087	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/82-08/11/82	0	1	
YOSE0088	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/10/82-08/10/82	0	1	
YOSE0094	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/10/82-08/10/82	0	1	
YOSE0095	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/10/82-08/10/82	0	1	
YOSE0096	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/10/82-08/10/82	0	1	
YOSE0108	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/09/82-08/09/82	0	1	
YOSE0001	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/82-08/18/82	0	1	
YOSE0011	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/81-08/19/82	1	2	
YOSE0012	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/82-08/18/82	0	1	
YOSE0013	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/19/82-08/19/82	0	1	
YOSE0014	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/82-08/18/82	0	1	
YOSE0015	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/82-08/18/82	0	1	
YOSE0017	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/82-08/18/82	0	1	
YOSE0018	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/30/73-07/28/77	4	8	
YOSE0022	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/82-08/17/82	0	1	
YOSE0023	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/82-08/17/82	0	1	
YOSE0032	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/82-08/17/82	0	1	
YOSE0034	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/82-08/17/82	0	1	
YOSE0038	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	11/04/75-09/08/77	1	4	
YOSE0039	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/16/82-08/16/82	0	1	
YOSE0040	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/30/73-09/03/74	1	8	
YOSE0041	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/82-08/17/82	0	1	
YOSE0047	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	17	158	T,A
YOSE0053	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/12/82-08/12/82	0	1	
YOSE0057	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/12/82-08/12/82	0	1	
YOSE0061	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/77-09/29/77	0	2	
YOSE0062	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/16/82-08/16/82	0	1	
YOSE0071	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/12/82-08/12/82	0	1	
YOSE0074	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/77-08/17/77	0	1	
YOSE0078	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/82-08/17/82	0	1	
YOSE0085	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/11/82-08/11/82	0	1	
YOSE0087	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/11/82-08/11/82	0	1	
YOSE0088	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/10/82-08/10/82	0	1	
YOSE0094	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/10/82-08/10/82	0	1	
YOSE0095	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/10/82-08/10/82	0	1	
YOSE0108	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/09/82-08/09/82	0	1	
YOSE0001	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/82-08/18/82	0	1	
YOSE0011	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/81-08/19/82	1	2	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0012	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/82-08/18/82	0	1	
YOSE0013	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/82-08/19/82	0	1	
YOSE0014	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/82-08/18/82	0	1	
YOSE0015	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/82-08/18/82	0	1	
YOSE0016	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/12/82-08/12/82	0	1	
YOSE0017	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/82-08/18/82	0	1	
YOSE0018	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/05/72-07/28/77	4	19	
YOSE0022	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/82-08/17/82	0	1	
YOSE0023	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/82-08/17/82	0	1	
YOSE0029	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/12/77-08/12/77	0	1	
YOSE0031	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/12/77-08/12/77	0	1	
YOSE0032	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/82-08/17/82	0	1	
YOSE0034	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/82-08/17/82	0	1	
YOSE0038	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/21/73-09/08/77	4	9	
YOSE0039	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/16/82-08/16/82	0	1	
YOSE0040	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/05/72-09/03/74	1	15	
YOSE0041	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/82-08/17/82	0	1	
YOSE0047	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	14	157	A
YOSE0051	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/12/76-08/12/77	0	2	
YOSE0052	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/11/76-08/11/77	0	2	
YOSE0053	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/12/82-08/12/82	0	1	
YOSE0055	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/12/82-08/12/82	0	1	
YOSE0057	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/12/82-08/12/82	0	1	
YOSE0061	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/77-09/29/77	0	3	
YOSE0062	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/16/82-08/16/82	0	1	
YOSE0071	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/12/82-08/12/82	0	1	
YOSE0074	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/77-09/29/77	0	2	
YOSE0078	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/82-08/17/82	0	1	
YOSE0085	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/11/82-08/11/82	0	1	
YOSE0087	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/11/82-08/11/82	0	1	
YOSE0088	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/10/82-08/10/82	0	1	
YOSE0094	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/10/82-08/10/82	0	1	
YOSE0095	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/10/82-08/10/82	0	1	
YOSE0096	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/10/82-08/10/82	0	1	
YOSE0108	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/09/82-08/09/82	0	1	
YOSE0018	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	08/15/74-08/15/74	0	1	
YOSE0047	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/26/70-01/16/92	21	43	S
YOSE0047	Yes	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	05/26/70-05/17/90	19	3	
YOSE0047	Yes	70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	05/26/70-05/17/90	19	3	
YOSE0047	Yes	70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	05/26/70-05/16/89	18	2	
YOSE0047	Yes	70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	05/26/70-05/26/70	0	1	
YOSE0047	Yes	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	12/29/81-09/21/82	0	9	
YOSE0018	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/16/74-07/05/74	0	5	
YOSE0019	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/22/74-07/05/74	0	4	
YOSE0035	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/22/74-08/14/74	0	4	
YOSE0036	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/15/74-08/14/74	0	5	
YOSE0037	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/22/74-07/05/74	0	4	
YOSE0040	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/15/74-07/05/74	0	5	
YOSE0047	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/23/74-05/28/92	18	11	
YOSE0048	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/03/74-09/01/74	0	4	
YOSE0054	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/02/91-08/02/91	0	1	
YOSE0056	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/02/91-08/02/91	0	1	
YOSE0117	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/20/77-08/27/80	3	8	
YOSE0122	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/17/76-09/02/80	4	4	
YOSE0055	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/26/81-09/16/83	2	2	
YOSE0068	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/26/81-08/26/81	0	1	
YOSE0070	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/15/83-09/15/83	0	1	
YOSE0072	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/28/81-08/28/81	0	1	
YOSE0080	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/15/83-09/15/83	0	1	
YOSE0081	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/27/81-09/15/83	2	2	
YOSE0084	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/15/83-09/15/83	0	1	
YOSE0090	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/15/83-09/15/83	0	1	
YOSE0091	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/20/81-08/20/81	0	1	
YOSE0092	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/27/81-08/27/81	0	1	
YOSE0093	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	0	1	
YOSE0097	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	0	1	
YOSE0109	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	0	1	
YOSE0113	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	0	1	
YOSE0115	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	0	1	
YOSE0055	Yes	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/26/81-09/16/83	2	2	
YOSE0068	Yes	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/26/81-08/26/81	0	1	
YOSE0070	Yes	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/15/83-09/15/83	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0072	Yes	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/28/81-08/28/81	0	1	
YOSE0080	Yes	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/15/83-09/15/83	0	1	
YOSE0081	Yes	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/27/81-09/15/83	2	2	
YOSE0084	Yes	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/15/83-09/15/83	0	1	
YOSE0090	Yes	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/15/83-09/15/83	0	1	
YOSE0091	Yes	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/20/81-08/20/81	0	1	
YOSE0092	Yes	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/27/81-08/27/81	0	1	
YOSE0093	Yes	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	0	1	
YOSE0097	Yes	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	0	1	
YOSE0109	Yes	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	0	1	
YOSE0113	Yes	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	0	1	
YOSE0115	Yes	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	0	1	
YOSE0047	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	10/31/80-01/15/81	0	4	
YOSE0018	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/22/74-07/05/74	0	4	
YOSE0036	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	02/21/74-08/14/74	0	6	
YOSE0040	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/22/74-07/05/74	0	4	
YOSE0047	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	12/18/68-01/31/86	17	64	
YOSE0066	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/10/82-08/10/82	0	1	
YOSE0069	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/10/82-08/10/82	0	1	
YOSE0089	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/11/82-08/11/82	0	1	
YOSE0002	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/29/85-09/29/85	0	1	
YOSE0008	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/29/85-09/29/85	0	1	
YOSE0010	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/76-07/06/76	0	1	
YOSE0018	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/05/72-09/03/74	1	10	
YOSE0019	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/05/72-12/18/75	3	3	
YOSE0025	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/24/85-09/24/85	0	1	
YOSE0033	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/21/73-02/21/73	0	1	
YOSE0036	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/03/73-09/02/74	0	6	
YOSE0037	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/05/72-10/05/72	0	1	
YOSE0038	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/21/73-07/07/77	4	5	
YOSE0040	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/05/72-09/03/74	1	9	
YOSE0047	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/18/68-10/09/79	10	51	
YOSE0048	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/05/72-10/09/79	7	9	
YOSE0065	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/24/85-09/24/85	0	1	
YOSE0082	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/24/85-09/24/85	0	1	
YOSE0086	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/08/76-10/09/79	3	4	
YOSE0104	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/24/85-09/24/85	0	1	
YOSE0114	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/17/85-10/17/85	0	1	
YOSE0118	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/03/85-10/03/85	0	1	
YOSE0120	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/24/85-09/24/85	0	1	
YOSE0121	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/03/85-10/03/85	0	1	
YOSE0123	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/03/85-10/03/85	0	1	
YOSE0018	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/02/73-09/03/74	1	6	
YOSE0036	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/03/73-09/02/74	0	6	
YOSE0040	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/02/73-09/03/74	1	7	
YOSE0047	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/02/73-09/03/74	1	7	
YOSE0003	No	71870	BROMIDE (MG/L AS BR)	09/05/91-09/05/91	0	1	
YOSE0004	No	71870	BROMIDE (MG/L AS BR)	09/05/91-09/05/91	0	1	
YOSE0005	No	71870	BROMIDE (MG/L AS BR)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	71870	BROMIDE (MG/L AS BR)	09/01/91-09/01/91	0	1	
YOSE0020	Yes	71870	BROMIDE (MG/L AS BR)	08/04/91-08/04/91	0	1	
YOSE0021	Yes	71870	BROMIDE (MG/L AS BR)	08/04/91-08/04/91	0	1	
YOSE0024	Yes	71870	BROMIDE (MG/L AS BR)	08/01/91-08/01/91	0	1	
YOSE0027	Yes	71870	BROMIDE (MG/L AS BR)	08/01/91-08/01/91	0	2	
YOSE0028	Yes	71870	BROMIDE (MG/L AS BR)	08/01/91-08/01/91	0	1	
YOSE0047	Yes	71870	BROMIDE (MG/L AS BR)	08/03/91-08/03/91	0	1	
YOSE0054	Yes	71870	BROMIDE (MG/L AS BR)	08/02/91-08/02/91	0	1	
YOSE0056	Yes	71870	BROMIDE (MG/L AS BR)	08/02/91-08/02/91	0	1	
YOSE0058	Yes	71870	BROMIDE (MG/L AS BR)	08/02/91-08/02/91	0	1	
YOSE0063	Yes	71870	BROMIDE (MG/L AS BR)	08/02/91-08/02/91	0	1	
YOSE0064	Yes	71870	BROMIDE (MG/L AS BR)	08/02/91-08/02/91	0	1	
YOSE0002	No	71885	IRON (UG/L AS FE)	09/29/85-09/29/85	0	1	
YOSE0008	No	71885	IRON (UG/L AS FE)	09/29/85-09/29/85	0	1	
YOSE0025	Yes	71885	IRON (UG/L AS FE)	09/24/85-09/24/85	0	1	
YOSE0065	Yes	71885	IRON (UG/L AS FE)	09/24/85-09/24/85	0	1	
YOSE0082	Yes	71885	IRON (UG/L AS FE)	09/24/85-09/24/85	0	1	
YOSE0104	Yes	71885	IRON (UG/L AS FE)	09/24/85-09/24/85	0	1	
YOSE0114	Yes	71885	IRON (UG/L AS FE)	10/17/85-10/17/85	0	1	
YOSE0118	Yes	71885	IRON (UG/L AS FE)	10/03/85-10/03/85	0	1	
YOSE0120	Yes	71885	IRON (UG/L AS FE)	09/24/85-09/24/85	0	1	
YOSE0121	Yes	71885	IRON (UG/L AS FE)	10/03/85-10/03/85	0	1	
YOSE0123	Yes	71885	IRON (UG/L AS FE)	10/03/85-10/03/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0047	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/30/78-11/18/85	7	43	
YOSE0122	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/10/75-09/04/75	0	3	
YOSE0018	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/30/73-12/01/77	4	17	
YOSE0029	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/12/77-08/12/77	0	1	
YOSE0031	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/12/77-08/12/77	0	1	
YOSE0036	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	04/20/73-08/14/74	1	11	
YOSE0038	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/23/75-11/30/77	2	12	
YOSE0040	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/30/73-05/22/74	0	6	
YOSE0047	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/22/73-11/09/81	8	27	
YOSE0051	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/12/76-08/12/77	0	2	
YOSE0052	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/11/76-08/11/77	0	2	
YOSE0003	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/05/91-09/05/91	0	1	
YOSE0004	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/05/91-09/05/91	0	1	
YOSE0005	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/05/91-09/05/91	0	1	
YOSE0009	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/01/91-09/01/91	0	1	
YOSE0018	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/03/73-09/03/74	1	12	
YOSE0019	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/03/73-07/05/73	0	3	
YOSE0032	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/18/71-05/24/72	0	2	
YOSE0037	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/03/73-07/05/73	0	3	
YOSE0040	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/03/73-09/03/74	1	13	
YOSE0042	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	05/24/72-05/24/72	0	1	
YOSE0043	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/19/71-10/19/71	0	1	
YOSE0044	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/18/71-10/18/71	0	1	
YOSE0045	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	05/24/72-05/24/72	0	1	
YOSE0047	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/18/71-07/17/91	19	64	S
YOSE0048	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	01/11/72-06/12/74	2	5	
YOSE0059	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/18/71-10/18/71	0	1	
YOSE0060	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	05/24/72-05/24/72	0	1	
YOSE0075	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	05/24/72-05/24/72	0	1	
YOSE0076	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/18/71-10/18/71	0	1	
YOSE0086	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	06/09/82-06/09/82	0	1	
YOSE0018	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	07/03/74-09/03/74	0	5	
YOSE0040	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	07/03/74-09/03/74	0	6	
YOSE0047	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	07/03/74-09/21/82	8	14	
YOSE0018	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/30/73-09/03/74	1	13	
YOSE0019	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/22/74-09/03/74	0	7	
YOSE0032	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/18/71-05/24/72	0	2	
YOSE0037	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/22/74-09/03/74	0	7	
YOSE0040	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/30/73-09/03/74	1	14	
YOSE0042	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/24/72-05/24/72	0	1	
YOSE0043	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/19/71-10/19/71	0	1	
YOSE0044	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/18/71-10/18/71	0	1	
YOSE0045	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/24/72-05/24/72	0	1	
YOSE0047	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/18/71-09/21/82	10	49	
YOSE0048	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	07/03/74-06/10/80	5	12	
YOSE0059	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/18/71-10/18/71	0	1	
YOSE0060	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/24/72-05/24/72	0	1	
YOSE0075	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	05/24/72-05/24/72	0	1	
YOSE0076	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	10/18/71-10/18/71	0	1	
YOSE0086	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	07/12/77-06/09/81	3	8	
YOSE0002	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/29/85-09/29/85	0	1	
YOSE0008	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/29/85-09/29/85	0	1	
YOSE0025	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/24/85-09/24/85	0	1	
YOSE0065	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/24/85-09/24/85	0	1	
YOSE0082	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/24/85-09/24/85	0	1	
YOSE0104	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/24/85-09/24/85	0	1	
YOSE0114	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/17/85-10/17/85	0	1	
YOSE0118	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/03/85-10/03/85	0	1	
YOSE0120	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/24/85-09/24/85	0	1	
YOSE0121	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/03/85-10/03/85	0	1	
YOSE0123	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/03/85-10/03/85	0	1	
YOSE0031	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	08/12/77-08/12/77	0	1	
YOSE0052	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	11/11/76-08/11/77	0	2	
YOSE0047	Yes	75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	01/10/89-01/16/92	3	8	
YOSE0047	Yes	75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	01/10/89-01/16/92	3	8	
YOSE0047	Yes	75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	01/10/89-01/16/92	3	8	
YOSE0047	Yes	75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	01/10/89-01/16/92	3	8	
YOSE0047	Yes	75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	01/09/90-01/16/92	2	5	
YOSE0047	Yes	76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	01/09/90-01/16/92	2	5	
YOSE0003	No	76002	RADON 222,1 SIGMA PRC EST,TOTAL,WATER PC/L	07/29/92-07/29/92	0	1	
YOSE0006	No	76002	RADON 222,1 SIGMA PRC EST,TOTAL,WATER PC/L	07/29/92-07/29/92	0	1	
YOSE0047	Yes	76004	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS TH230,WTR PC/L	01/10/89-01/16/92	3	8	

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

Station/Parameter Period of Record Tabulation
From 11/20/67 To 05/26/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YOSE0047	Yes	76005	BETA GROSS,SUSP,1 SIGMA PRC EST AS SR90/Y90 PC/L	01/10/89-01/16/92	3	8	
YOSE0047	Yes	80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	11/20/67-07/17/87	19	14	
YOSE0047	Yes	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	11/20/67-01/16/92	24	26	S
YOSE0047	Yes	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	11/20/67-01/16/92	24	27	S
YOSE0047	Yes	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	11/20/67-01/16/92	24	26	S
YOSE0047	Yes	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	11/20/67-01/16/92	24	27	S
YOSE0018	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/30/73-05/24/77	3	15	
YOSE0038	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/25/77-05/25/77	0	1	
YOSE0040	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/30/73-09/03/74	1	11	
YOSE0047	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	22	155	A,S
YOSE0018	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/30/73-09/03/74	1	9	
YOSE0040	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/30/73-09/03/74	1	8	
YOSE0047	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	11/05/69-09/21/82	12	81	
YOSE0047	Yes	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	09/21/82-09/21/82	0	1	
YOSE0047	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/17/90-05/26/93	3	37	

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

Station-By-Station Results

Station Inventory for Station: YOSE0001

NPS Station ID: YOSE0001
LAT/LON: 37.477504/-119.631392
Agency: 112WRD
Date Created: 01/11/86
Location: BIG C AB FISH CAMP CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 372839119375301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 18040008002900.00
RF3 Mile Point: 0.78
Distance from RF3: 0.41
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/82-09/12/83	2	15.2	15.2	15.4	15.	0.08	0.283	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/82-08/18/82	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/82-09/12/83	2	90.	90.	98.	82.	128.	11.314	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/82-09/12/83	2	8.45	8.45	9.	7.9	0.605	0.778	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/18/82-08/18/82	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/82-09/12/83	2	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/82-09/12/83	2	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/82-09/12/83	2	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/18/82-09/12/83	2	7.75	7.75	8.1	7.4	0.245	0.495	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/18/82-09/12/83	2	7.622	7.622	8.1	7.4	0.278	0.527	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/82-09/12/83	2	0.024	0.024	0.04	0.008	0.001	0.023	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/82-08/18/82	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/82-09/12/83	2	44.	44.	61.	27.	578.	24.042	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/82-09/12/83	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/82-09/12/83	2 ##	0.007	0.007	0.012	0.003	0.	0.007	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/82-08/18/82	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/82-08/18/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/82-09/12/83	2	16.5	16.5	18.	15.	4.5	2.121	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/82-09/12/83	2	1.8	1.8	1.9	1.7	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/82-09/12/83	2	2.35	2.35	2.5	2.2	0.045	0.212	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/18/82-08/18/82	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/18/82-08/18/82	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/82-09/12/83	2	1.	1.	1.1	0.9	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/82-09/12/83	2 ##	0.225	0.225	0.4	0.05	0.061	0.247	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/82-09/12/83	2 ##	0.55	0.55	1.	0.1	0.405	0.636	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/82-09/12/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/82-09/12/83	2	17.5	17.5	18.	17.	0.5	0.707	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/18/82-09/12/83	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/18/82-09/12/83	2	9.5	9.5	12.	7.	12.5	3.536	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/82-09/12/83	2	8.	8.	8.	8.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/82-09/12/83	2	0.903	0.903	0.903	0.903	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			8.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/82-08/18/82	1	76.	76.	76.	76.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/82-08/18/82	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/82-08/18/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	0	0.00	1	0	0.00							1	0	0.00
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0002

NPS Station ID: YOSE0002
LAT/LON: 37.495560/-119.490282
Agency: 12WLS1
Date Created: 09/03/88
Location: BARE ISLAND LAKE
FIPS State/County: 06019 CALIFORNIA/FRESNO
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4A2-038
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 18040008
Depth of Water: 45
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 19.20
On/Off RF1:
RF3 Index: 18040009067401.85
RF3 Mile Point: 4.46
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/85-09/29/85	1	13.8	13.8	13.8	13.8	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/29/85-09/29/85	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/29/85-09/29/85	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/85-09/29/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/29/85-09/29/85	1	0.515	0.515	0.515	0.515	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/29/85-09/29/85	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/29/85-09/29/85	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/85-09/29/85	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/29/85-09/29/85	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/29/85-09/29/85	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/85-09/29/85	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/29/85-09/29/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/29/85-09/29/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/85-09/29/85	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/29/85-09/29/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/85-09/29/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/29/85-09/29/85	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/85-09/29/85	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/29/85-09/29/85	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/85-09/29/85	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/29/85-09/29/85	1	15.	15.	15.	15.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/29/85-09/29/85	1	0.039	0.039	0.039	0.039	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/29/85-09/29/85	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/29/85-09/29/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/29/85-09/29/85	1	8365.1	8365.1	8365.1	8365.1	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: YOSE0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	400.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: YOSE0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: YOSE0003

NPS Station ID: YOSE0003
LAT/LON: 37.502227/-119.562781
Agency: 112WRD
Date Created: 04/25/92
Location: 005S022E16AS01M
FIPS State/County: 06039 CALIFORNIA/MADERA
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 373008119334601
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: 20.10
On/Off RF1:
RF3 Index: 18040008038700.00
RF3 Mile Point: 0.04
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/05/91-09/18/91	2	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/05/91-09/18/91	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/91-09/18/91	2	184.	184.	187.	181.	18.	4.243	**	**	**	**
00400	PH (STANDARD UNITS)	09/05/91-09/18/91	2	8.05	8.05	8.1	8.	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/05/91-09/18/91	2	8.047	8.047	8.1	8.	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/91-09/18/91	2	0.009	0.009	0.01	0.008	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/05/91-09/05/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/05/91-09/05/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/91-09/05/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/91-09/05/91	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/05/91-09/05/91	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/05/91-09/05/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/05/91-09/05/91	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/05/91-09/05/91	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/05/91-09/05/91	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/05/91-09/05/91	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/91-09/05/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/91-09/05/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/91-09/05/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/05/91-09/05/91	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/05/91-09/05/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/05/91-09/05/91	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/05/91-09/05/91	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/05/91-09/05/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/05/91-09/05/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/05/91-09/05/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/05/91-09/05/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/05/91-09/05/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/05/91-09/05/91	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/05/91-09/05/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/05/91-09/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/05/91-09/05/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/05/91-09/05/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/05/91-09/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/05/91-09/05/91	1	52.	52.	52.	52.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/05/91-09/05/91	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/05/91-09/05/91	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/05/91-09/05/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YOSE0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/05/91-09/05/91	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/05/91-09/05/91	1	104.	104.	104.	104.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/05/91-09/05/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/05/91-09/05/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
76002	RADON 222,1 SIGMA PRC EST,TOTAL,WATER PC/L	07/29/92-07/29/92	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

EPA Water Quality Criteria Analysis for Station: YOSE0003

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00400	PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: YOSE0004

NPS Station ID: YOSE0004
LAT/LON: 37.503337/-119.561115
Agency: 112WRD
Date Created: 04/25/92
Location: RAINIER C AB SPR IF NR FISHCAMP CA
FIPS State/County: 06039 CALIFORNIA/MADERA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 373012119334001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 1.60
On/Off RF1:
RF3 Index: 18040008005403.03
RF3 Mile Point: 3.02
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/05/91-09/05/91	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/05/91-09/05/91	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/91-09/05/91	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/05/91-09/05/91	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/05/91-09/05/91	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/91-09/05/91	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/05/91-09/05/91	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/05/91-09/05/91	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/91-09/05/91	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/91-09/05/91	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/05/91-09/05/91	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/05/91-09/05/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/05/91-09/05/91	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/05/91-09/05/91	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/05/91-09/05/91	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/05/91-09/05/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/91-09/05/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/91-09/05/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/91-09/05/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/05/91-09/05/91	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/05/91-09/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/05/91-09/05/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/05/91-09/05/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/05/91-09/05/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/05/91-09/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/05/91-09/05/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/05/91-09/05/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/05/91-09/05/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/05/91-09/05/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/05/91-09/05/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/05/91-09/05/91	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/05/91-09/05/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/05/91-09/05/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/05/91-09/05/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/05/91-09/05/91	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/05/91-09/05/91	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/05/91-09/05/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/05/91-09/05/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YOSE0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/05/91-09/05/91	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/05/91-09/05/91	1	18.	18.	18.	18.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/05/91-09/05/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/05/91-09/05/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: YOSE0005

NPS Station ID: YOSE0005
LAT/LON: 37.504448/-119.565281
Agency: 112WRD
Date Created: 04/25/92
Location: 005S022E16BS1M
FIPS State/County: 06039 CALIFORNIA/MADERA
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 373016119335501
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: 1.60
On/Off RF1:
RF3 Index: 18040008005403.40
RF3 Mile Point: 4.88
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/05/91-09/18/91	2	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/18/91-09/18/91	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/05/91-09/18/91	2	166.	166.	167.	165.	2.	1.414	**	**	**	**
00400	PH (STANDARD UNITS)	09/05/91-09/18/91	2	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/05/91-09/18/91	2	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/91-09/18/91	2	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/05/91-09/05/91	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/05/91-09/05/91	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/91-09/05/91	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/05/91-09/05/91	1	93.	93.	93.	93.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/05/91-09/05/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/05/91-09/05/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/05/91-09/05/91	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/05/91-09/05/91	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/05/91-09/05/91	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/05/91-09/05/91	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/91-09/05/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/91-09/05/91	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/05/91-09/05/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/05/91-09/05/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/05/91-09/05/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/05/91-09/05/91	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/05/91-09/05/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/05/91-09/05/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/05/91-09/05/91	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/05/91-09/05/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/05/91-09/05/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/05/91-09/05/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/05/91-09/05/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/05/91-09/05/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/05/91-09/05/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/05/91-09/05/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/05/91-09/05/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/05/91-09/05/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/05/91-09/05/91	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/05/91-09/05/91	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/05/91-09/05/91	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/05/91-09/05/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YOSE0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/05/91-09/05/91	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/05/91-09/05/91	1	107.	107.	107.	107.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/05/91-09/05/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/05/91-09/05/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0005

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00400	PH	Other-Hi Lim.	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: YOSE0006

NPS Station ID: YOSE0006
LAT/LON: 37.505003/-119.567782
Agency: 112WRD
Date Created: 05/01/93
Location: 005S022E16BS02M
FIPS State/County: 06039 CALIFORNIA/MADERA
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 373015119335901
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: 12.80
On/Off RF1:
RF3 Index: 18040009054300.00
RF3 Mile Point: 0.88
Distance from RF3: 0.21
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/92-07/29/92	1	6.	6.	6.	6.	0.	0.	**	**	**	**
76002	RADON 222,1 SIGMA PRC EST,TOTAL,WATER PC/L	07/29/92-07/29/92	1	38.	38.	38.	38.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: YOSE0007

NPS Station ID: YOSE0007
LAT/LON: 37.513892/-119.600004
Agency: 112WRD
Date Created: 02/27/82
Location: BIG C NR GRIZZLY GIANT TREE CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 373050119360000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.50
On/Off RF1:
RF3 Index: 18040008002000.11
RF3 Mile Point: 0.10
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-09/12/83	2	15.	15.	15.	15.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/81-08/18/81	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/81-09/12/83	2	79.	79.	98.	60.	722.	26.87	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/81-09/12/83	2	8.	8.	9.	7.	2.	1.414	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/81-09/12/83	2	7.1	7.1	7.9	6.3	1.28	1.131	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/81-09/12/83	2	6.59	6.59	7.9	6.3	1.8	1.342	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/81-09/12/83	2	0.257	0.257	0.501	0.013	0.119	0.345	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/18/81-09/12/83	2	7.8	7.8	8.1	7.5	0.18	0.424	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/18/81-09/12/83	2	7.704	7.704	8.1	7.5	0.199	0.446	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/81-09/12/83	2	0.02	0.02	0.032	0.008	0.	0.017	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/81-08/18/81	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/81-09/12/83	2	28.5	28.5	30.	27.	4.5	2.121	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/81-09/12/83	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/81-09/12/83	2 ##	0.013	0.013	0.024	0.003	0.	0.015	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/81-08/18/81	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/81-08/18/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/81-09/12/83	2	12.6	12.6	18.	7.2	58.32	7.637	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/81-09/12/83	2	1.75	1.75	1.9	1.6	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/81-09/12/83	2	3.15	3.15	4.1	2.2	1.805	1.344	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/18/81-08/18/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/18/81-08/18/81	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/81-09/12/83	2	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/81-09/12/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/81-09/12/83	2 ##	0.3	0.3	0.5	0.1	0.08	0.283	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/81-09/12/83	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/81-09/12/83	2	20.5	20.5	24.	17.	24.5	4.95	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/18/81-09/12/83	2	6.	6.	10.	2.	32.	5.657	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/18/81-09/12/83	2	20.5	20.5	34.	7.	364.5	19.092	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-09/12/83	2 ##	4.25	4.25	8.	0.5	28.125	5.303	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-09/12/83	2 ##	0.301	0.301	0.903	-0.301	0.725	0.851	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			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: YOSE0007

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	0	0.00	1	0	0.00							1	0	0.00
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	1	0.50	1	0	0.00							1	1	1.00
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0008

NPS Station ID: YOSE0008
LAT/LON: 37.516670/-119.545559
Agency: 12WLS1
Date Created: 09/03/88
Location: STAR LAKES (NORTH)
FIPS State/County: 06039 CALIFORNIA/MADERA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4A2-037
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 18040008
Depth of Water: 19
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 18040008038503.78
RF3 Mile Point: 3.77
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/85-09/29/85	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/29/85-09/29/85	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/29/85-09/29/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/85-09/29/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/29/85-09/29/85	1	0.218	0.218	0.218	0.218	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/29/85-09/29/85	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/29/85-09/29/85	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/85-09/29/85	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/29/85-09/29/85	1	77.6	77.6	77.6	77.6	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/29/85-09/29/85	1	11.8	11.8	11.8	11.8	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/85-09/29/85	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/29/85-09/29/85	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/29/85-09/29/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/85-09/29/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/29/85-09/29/85	1	0.91	0.91	0.91	0.91	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/85-09/29/85	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/29/85-09/29/85	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/85-09/29/85	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/29/85-09/29/85	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/85-09/29/85	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/29/85-09/29/85	1	24.	24.	24.	24.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/29/85-09/29/85	1	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/29/85-09/29/85	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/29/85-09/29/85	1	7.	7.	7.	7.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/29/85-09/29/85	1	7964.86	7964.86	7964.86	7964.86	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

EPA Water Quality Criteria Analysis for Station: YOSE0008

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	400.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: YOSE0008

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: YOSE0009

NPS Station ID: YOSE0009 LAT/LON: 37.538337/-119.657503 Agency: 112WRD Date Created: 04/25/92
Location: SF MERCED R AB HWY 41 BR A WAWONA CA FIPS State/County: 06039 CALIFORNIA/MADERA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 373218119392701
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040008 RF1 Mile Point: 0.000 Distance from RF1: 0.30 On/Off RF1:
RF3 Index: 18040008005403.03 RF3 Mile Point: 3.02 Distance from RF3: 0.13 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/91-09/01/91	1	18.5	18.5	18.5	18.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/91-09/01/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/91-09/01/91	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/01/91-09/01/91	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/01/91-09/01/91	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/91-09/01/91	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/01/91-09/01/91	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/01/91-09/01/91	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/91-09/01/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/01/91-09/01/91	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/01/91-09/01/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/01/91-09/01/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/01/91-09/01/91	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/01/91-09/01/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/01/91-09/01/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/01/91-09/01/91	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/91-09/01/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/91-09/01/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/01/91-09/01/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/01/91-09/01/91	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/01/91-09/01/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/01/91-09/01/91	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/01/91-09/01/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/01/91-09/01/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/01/91-09/01/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/01/91-09/01/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/01/91-09/01/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/01/91-09/01/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/01/91-09/01/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/01/91-09/01/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/01/91-09/01/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/01/91-09/01/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/01/91-09/01/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/01/91-09/01/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/01/91-09/01/91	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	09/01/91-09/01/91	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/01/91-09/01/91	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/01/91-09/01/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YOSE0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01130	LITHIUM, DISSOLVED (UG/L AS LI)	09/01/91-09/01/91	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/01/91-09/01/91	1	25.	25.	25.	25.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/01/91-09/01/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/01/91-09/01/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: YOSE0010

NPS Station ID: YOSE0010
LAT/LON: 37.538337/-119.661670
Agency: 21CAL-1
Date Created: 01/13/78
Location: MERCED R,SF,A WAWONA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): B5432000 /5372402
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin: CALIFORNIA
Elevation: 0
Water Body Id:
Minor Basin: SAN JOAQUIN RIVER
ECO Region:
RF1 Index: 18040008020
RF1 Mile Point: 0.290
Distance from RF1: 17.30
On/Off RF1: OFF
RF3 Index: 18040008045302.23
RF3 Mile Point: 2.26
Distance from RF3: 0.02
On/Off RF3:
Description:
SURFACE WATER STATION; DATA MANAGER CODE: 8; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 3970 ;
STATION NAME: MERCED R,SF,A WAWONA ; DWR COUNTY CODE: 22; LATITUDE: 373218; LONGITUDE: 1193942;
CALIFORNIA COORDINATES:

Parameter Inventory for Station: YOSE0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/76-07/06/76	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/06/76-07/06/76	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/76-07/06/76	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/06/76-07/06/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/06/76-07/06/76	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/06/76-07/06/76	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/76-07/06/76	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/06/76-07/06/76	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/06/76-07/06/76	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/76-07/06/76	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/06/76-07/06/76	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/76-07/06/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/76-07/06/76	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/76-07/06/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/76-07/06/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/76-07/06/76	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/76-07/06/76	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/76-07/06/76	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/06/76-07/06/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/06/76-07/06/76	1	52.	52.	52.	52.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/76-07/06/76	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0010

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
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
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YOSE0011

NPS Station ID: YOSE0011
LAT/LON: 37.541670/-119.623615
Agency: 112WRD
Date Created: 02/27/82
Location: SF MERCED R AB SOUTH WAWONA CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 373230119372500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 14.40
On/Off RF1:
RF3 Index: 18040008026200.00
RF3 Mile Point: 9.55
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-08/19/82	2	18.1	18.1	21.	15.2	16.82	4.101	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/81-08/19/82	2	17.	17.	22.	12.	50.	7.071	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/81-08/19/82	2	31.5	31.5	43.	20.	264.5	16.263	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/81-08/19/82	2	8.	8.	8.8	7.2	1.28	1.131	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/19/82-08/19/82	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/81-08/19/82	2	6.65	6.65	7.2	6.1	0.605	0.778	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/81-08/19/82	2	6.368	6.368	7.2	6.1	0.764	0.874	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/81-08/19/82	2	0.429	0.429	0.794	0.063	0.267	0.517	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/18/81-08/19/82	2	7.65	7.65	8.	7.3	0.245	0.495	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/18/81-08/19/82	2	7.522	7.522	8.	7.3	0.278	0.527	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/81-08/19/82	2	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/81-08/19/82	2	9.85	9.85	18.	1.7	132.845	11.526	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/81-08/19/82	2	14.5	14.5	15.	14.	0.5	0.707	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/19/82-08/19/82	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/19/82-08/19/82	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/81-08/19/82	2	13.	13.	20.	6.	98.	9.899	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/81-08/19/82	2	4.	4.	8.	0.	32.	5.657	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/81-08/19/82	2	4.8	4.8	7.4	2.2	13.52	3.677	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/81-08/19/82	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/81-08/19/82	2	3.15	3.15	4.4	1.9	3.125	1.768	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/18/81-08/19/82	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	08/18/81-08/19/82	2	34.	34.	37.	31.	18.	4.243	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/81-08/19/82	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/81-08/19/82	2	1.4	1.4	2.	0.8	0.72	0.849	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/81-08/19/82	2	0.9	0.9	1.	0.8	0.02	0.141	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/81-08/19/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/81-08/19/82	2	10.65	10.65	13.	8.3	11.045	3.323	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/18/81-08/19/82	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/18/81-08/19/82	2	13.5	13.5	23.	4.	180.5	13.435	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-08/19/82	2	12.	12.	19.	5.	98.	9.899	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-08/19/82	2	0.989	0.989	1.279	0.699	0.168	0.41	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			9.747								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/81-08/19/82	2	29.5	29.5	36.	23.	84.5	9.192	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/81-08/19/82	2	1.3	1.3	1.4	1.2	0.02	0.141	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/81-08/19/82	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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	1	0.50										2	1	0.50
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0012

NPS Station ID: YOSE0012
LAT/LON: 37.546670/-119.680559
Agency: 112WRD
Date Created: 02/27/82
Location: BIG C NR WAWONA CAMPGROUND CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 373248119405000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 18040008002002.24
RF3 Mile Point: 2.66
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-08/18/82	2	16.15	16.15	17.	15.3	1.445	1.202	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/81-08/18/82	2	9.5	9.5	17.	2.	112.5	10.607	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/81-08/18/82	2	69.	69.	77.	61.	128.	11.314	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/81-08/18/82	2	8.35	8.35	8.9	7.8	0.605	0.778	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/18/82-08/18/82	1	101.	101.	101.	101.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/81-08/18/82	2	7.15	7.15	7.9	6.4	1.125	1.061	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/81-08/18/82	2	6.688	6.688	7.9	6.4	1.553	1.246	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/81-08/18/82	2	0.205	0.205	0.398	0.013	0.074	0.273	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/18/81-08/18/82	2	7.9	7.9	8.	7.8	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/18/81-08/18/82	2	7.889	7.889	8.	7.8	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/81-08/18/82	2	0.013	0.013	0.016	0.01	0.	0.004	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/81-08/18/82	2	12.05	12.05	23.	1.1	239.805	15.486	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/81-08/18/82	2	37.	37.	44.	30.	98.	9.899	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/81-08/18/82	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/81-08/18/82	2	0.015	0.015	0.016	0.014	0.	0.001	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/81-08/18/82	2	29.5	29.5	30.	29.	0.5	0.707	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/81-08/18/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/81-08/18/82	2	9.75	9.75	10.	9.5	0.125	0.354	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/81-08/18/82	2	1.35	1.35	1.4	1.3	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/81-08/18/82	2	3.55	3.55	4.2	2.9	0.845	0.919	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/18/81-08/18/82	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	08/18/81-08/18/82	2	20.	20.	23.	17.	18.	4.243	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/81-08/18/82	2	1.	1.	1.1	0.9	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/81-08/18/82	2	0.9	0.9	1.	0.8	0.02	0.141	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/81-08/18/82	2 ##	0.7	0.7	0.9	0.5	0.08	0.283	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/81-08/18/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/81-08/18/82	2	17.5	17.5	19.	16.	4.5	2.121	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/18/81-08/18/82	2 ##	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/18/81-08/18/82	2	25.5	25.5	26.	25.	0.5	0.707	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-08/18/82	2	7.	7.	11.	3.	32.	5.657	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-08/18/82	2	0.759	0.759	1.041	0.477	0.159	0.399	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			5.745								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/82-08/18/82	1	62.	62.	62.	62.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/82-08/18/82	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/82-08/18/82	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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	1	0.50										2	1	0.50
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0013

NPS Station ID: YOSE0013
LAT/LON: 37.547503/-119.632227
Agency: 112WRD
Date Created: 02/27/82
Location: CHILNAULNA C NR N WAWONA CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 373251119375600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 18040008025000.00
RF3 Mile Point: 1.31
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/81-08/19/82	2	16.55	16.55	19.	14.1	12.005	3.465	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/17/81-08/19/82	2	1.035	1.035	2.	0.07	1.862	1.365	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/81-08/19/82	2	19.5	19.5	22.	17.	12.5	3.536	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/17/81-08/19/82	2	8.2	8.2	8.7	7.7	0.5	0.707	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/19/82-08/19/82	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/17/81-08/19/82	2	6.4	6.4	7.	5.8	0.72	0.849	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/17/81-08/19/82	2	6.074	6.074	7.	5.8	0.932	0.965	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/81-08/19/82	2	0.842	0.842	1.585	0.1	1.102	1.05	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/17/81-08/19/82	2	7.4	7.4	7.7	7.1	0.18	0.424	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/17/81-08/19/82	2	7.304	7.304	7.7	7.1	0.199	0.446	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/81-08/19/82	2	0.05	0.05	0.079	0.02	0.002	0.042	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/81-08/19/82	2	15.25	15.25	28.	2.5	325.125	18.031	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/81-08/19/82	2	11.	11.	13.	9.	8.	2.828	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/17/81-08/19/82	2	0.035	0.035	0.06	0.01	0.001	0.035	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/17/81-08/19/82	2 ##	0.006	0.006	0.01	0.003	0.	0.005	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/81-08/19/82	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/17/81-08/19/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/81-08/19/82	2	1.85	1.85	2.	1.7	0.045	0.212	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/81-08/19/82	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/81-08/19/82	2	2.5	2.5	2.7	2.3	0.08	0.283	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/17/81-08/19/82	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/17/81-08/19/82	2	48.	48.	49.	47.	2.	1.414	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/81-08/19/82	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/81-08/19/82	2 ##	0.175	0.175	0.3	0.05	0.031	0.177	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/81-08/19/82	2 ##	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/17/81-08/19/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/81-08/19/82	2	14.5	14.5	15.	14.	0.5	0.707	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/17/81-08/19/82	2 ##	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/17/81-08/19/82	2 ##	6.	6.	7.	5.	2.	1.414	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/17/81-08/19/82	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/17/81-08/19/82	2	0.151	0.151	0.301	0.	0.045	0.213	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.414								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/82-08/19/82	1	27.	27.	27.	27.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/19/82-08/19/82	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/82-08/19/82	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: YOSE0013

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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	1	0.50										2	1	0.50
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0014

NPS Station ID: YOSE0014
LAT/LON: 37.549448/-119.683337
Agency: 112WRD
Date Created: 11/06/82
Location: SF MERCED R BL WAWONA CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 373258119410000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 12.50
On/Off RF1:
RF3 Index: 18040008006106.28
RF3 Mile Point: 6.28
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/82-08/18/82	1	19.8	19.8	19.8	19.8	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/82-08/18/82	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/82-08/18/82	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/82-08/18/82	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/18/82-08/18/82	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/82-08/18/82	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/82-08/18/82	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/82-08/18/82	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/18/82-08/18/82	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/18/82-08/18/82	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/82-08/18/82	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/82-08/18/82	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/82-08/18/82	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/82-08/18/82	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/82-08/18/82	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/82-08/18/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/82-08/18/82	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/82-08/18/82	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/82-08/18/82	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/18/82-08/18/82	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/18/82-08/18/82	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/82-08/18/82	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/82-08/18/82	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/82-08/18/82	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/82-08/18/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/82-08/18/82	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/18/82-08/18/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/18/82-08/18/82	1	6.	6.	6.	6.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/82-08/18/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/82-08/18/82	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			4.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/82-08/18/82	1	34.	34.	34.	34.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/82-08/18/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/82-08/18/82	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0014

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0015

NPS Station ID: YOSE0015
LAT/LON: 37.580559/-119.677226
Agency: 112WRD
Date Created: 02/27/82
Location: ALDER C A HWY 41 NR WAWONA CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 373450119403800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 18040008004600.00
RF3 Mile Point: 0.06
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-08/18/82	2	13.35	13.35	15.	11.7	5.445	2.333	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/81-08/18/82	2	2.2	2.2	4.	0.4	6.48	2.546	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/81-08/18/82	2	38.	38.	45.	31.	98.	9.899	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/81-08/18/82	2	8.4	8.4	9.	7.8	0.72	0.849	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/18/82-08/18/82	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/81-08/18/82	2	6.9	6.9	7.5	6.3	0.72	0.849	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/81-08/18/82	2	6.574	6.574	7.5	6.3	0.932	0.965	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/81-08/18/82	2	0.266	0.266	0.501	0.032	0.11	0.332	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/18/81-08/18/82	2	7.65	7.65	7.7	7.6	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/18/81-08/18/82	2	7.647	7.647	7.7	7.6	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/81-08/18/82	2	0.023	0.023	0.025	0.02	0.	0.004	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/81-08/18/82	2	9.15	9.15	17.	1.3	123.245	11.102	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/81-08/18/82	2	22.	22.	22.	22.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/81-08/18/82	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/81-08/18/82	2 ##	0.007	0.007	0.012	0.003	0.	0.007	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/81-08/18/82	2	19.5	19.5	29.	10.	180.5	13.435	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/81-08/18/82	2	5.5	5.5	11.	0.	60.5	7.778	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/81-08/18/82	2	6.65	6.65	9.9	3.4	21.125	4.596	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/81-08/18/82	2	0.7	0.7	1.	0.4	0.18	0.424	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/81-08/18/82	2	3.75	3.75	4.2	3.3	0.405	0.636	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/18/81-08/18/82	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	08/18/81-08/18/82	2	31.5	31.5	39.	24.	112.5	10.607	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/81-08/18/82	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/81-08/18/82	2 ##	0.225	0.225	0.4	0.05	0.061	0.247	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/81-08/18/82	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/81-08/18/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/81-08/18/82	2	22.	22.	23.	21.	2.	1.414	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/18/81-08/18/82	2 ##	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/18/81-08/18/82	2	30.	30.	39.	21.	162.	12.728	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-08/18/82	2	8.5	8.5	13.	4.	40.5	6.364	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-08/18/82	2	0.858	0.858	1.114	0.602	0.131	0.362	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			7.211								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/82-08/18/82	1	43.	43.	43.	43.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/82-08/18/82	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/82-08/18/82	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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	1	0.50										2	1	0.50
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0016

NPS Station ID: YOSE0016
LAT/LON: 37.624448/-119.549171
Agency: 112WRD
Date Created: 11/06/82
Location: OSTRANDER LK CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 373728119325700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.30
On/Off RF1:
RF3 Index: 18040008001802.28
RF3 Mile Point: 2.27
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/82-08/12/82	4	16.75	16.75	17.	16.5	0.083	0.289	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/12/82-08/12/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/12/82-08/12/82	5	7.	6.98	7.	6.9	0.002	0.045	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/12/82-08/12/82	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/12/82-08/12/82	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/12/82-08/12/82	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/12/82-08/12/82	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/12/82-08/12/82	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/12/82-08/12/82	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/12/82-08/12/82	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/82-08/12/82	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/12/82-08/12/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/12/82-08/12/82	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/12/82-08/12/82	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/12/82-08/12/82	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/12/82-08/12/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/12/82-08/12/82	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/12/82-08/12/82	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/12/82-08/12/82	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/12/82-08/12/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/12/82-08/12/82	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/12/82-08/12/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/82-08/12/82	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/82-08/12/82	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/12/82-08/12/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/82-08/12/82	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/12/82-08/12/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/12/82-08/12/82	1	18.	18.	18.	18.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/12/82-08/12/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/12/82-08/12/82	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/12/82-08/12/82	1	5.	5.	5.	5.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/12/82-08/12/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0016

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	5	0	0.00										5	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
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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0017

NPS Station ID: YOSE0017 LAT/LON: 37.659726/-119.616115 Agency: 112WRD Date Created: 02/27/82
Location: BRIDALVEIL C AB BRIDALVEIL CAMPGROUND CA FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 373935119365800
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 18040008002100.00 RF3 Mile Point: 0.84 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-08/18/82	2	13.35	13.35	15.	11.7	5.445	2.333	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/82-08/18/82	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/81-08/18/82	2	26.5	26.5	35.	18.	144.5	12.021	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/81-08/18/82	2	6.9	6.9	7.7	6.1	1.28	1.131	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/18/82-08/18/82	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/81-08/18/82	2	6.6	6.6	7.	6.2	0.32	0.566	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/81-08/18/82	2	6.437	6.437	7.	6.2	0.373	0.611	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/81-08/18/82	2	0.365	0.365	0.631	0.1	0.141	0.375	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/18/81-08/18/82	2	7.45	7.45	7.5	7.4	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/18/81-08/18/82	2	7.447	7.447	7.5	7.4	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/81-08/18/82	2	0.036	0.036	0.04	0.032	0.	0.006	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/81-08/18/82	2	14.85	14.85	27.	2.7	295.245	17.183	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/81-08/18/82	2	14.	14.	14.	14.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/81-08/18/82	2 ##	0.006	0.006	0.007	0.005	0.	0.001	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/81-08/18/82	2 ##	0.007	0.007	0.011	0.003	0.	0.006	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/81-08/18/82	2	9.5	9.5	13.	6.	24.5	4.95	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/81-08/18/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/81-08/18/82	2	3.4	3.4	4.6	2.2	2.88	1.697	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/81-08/18/82	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/81-08/18/82	2	2.1	2.1	2.4	1.8	0.18	0.424	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/18/81-08/18/82	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/18/81-08/18/82	2	31.5	31.5	36.	27.	40.5	6.364	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/81-08/18/82	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/81-08/18/82	2 ##	0.175	0.175	0.3	0.05	0.031	0.177	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/81-08/18/82	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/81-08/18/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/81-08/18/82	2	10.95	10.95	12.	9.9	2.205	1.485	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/18/81-08/18/82	2 ##	4.	4.	5.	3.	2.	1.414	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/18/81-08/18/82	2	95.	95.	110.	80.	450.	21.213	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/82-08/18/82	1	9.	9.	9.	9.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/82-08/18/82	1	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			9.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/82-08/18/82	1	26.	26.	26.	26.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/82-08/18/82	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/82-08/18/82	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: YOSE0017

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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	1	0.50										2	1	0.50
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0018

NPS Station ID: YOSE0018 LAT/LON: 37.669448/-119.806948 Agency: 112WRD Date Created: / /
Location: MERCED R A RANCHERIA FLAT NR EL PORTAL CA FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11267050
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040008 RF1 Mile Point: 0.000 Distance from RF1: 0.60 On/Off RF1:
RF3 Index: 18040008002700.92 RF3 Mile Point: 1.76 Distance from RF3: 0.09 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/73-12/01/77	59	18.	15.703	22.	4.	27.863	5.279	8.	9.5	20.	20.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/23/73-12/01/77	22	75.5	827.273	4860.	12.	2063911.351	1436.632	32.2	52.	829.	3993.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/30/73-07/28/77	15	1.	2.1	6.	0.5	4.186	2.046	0.5	1.	4.	6.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/72-12/01/77	60	39.	41.05	78.	8.	431.947	20.783	13.1	22.25	60.5	73.9
00300	OXYGEN, DISSOLVED MG/L	04/23/73-12/01/77	47	9.4	9.868	15.1	7.9	2.349	1.533	8.2	8.8	10.9	12.04
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/28/77-11/30/77	12	100.	99.5	112.	91.	44.273	6.654	91.	92.25	103.75	110.5
00310	BOD, 5 DAY, 20 DEG C MG/L	02/21/73-02/21/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/05/72-12/01/77	54	7.4	7.311	8.3	6.4	0.258	0.508	6.6	6.8	7.7	8.
00400	CONVERTED PH (STANDARD UNITS)	10/05/72-12/01/77	54	7.4	7.032	8.3	6.4	0.337	0.581	6.6	6.8	7.7	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/72-12/01/77	54	0.04	0.093	0.398	0.005	0.011	0.107	0.01	0.02	0.158	0.251
00405	CARBON DIOXIDE (MG/L AS CO2)	10/05/72-07/28/77	33	1.6	2.364	14.	0.3	7.275	2.697	0.34	0.7	3.1	5.88
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/72-12/01/77	56	15.	14.321	31.	3.	37.386	6.114	6.7	10.25	16.	23.6
00440	BICARBONATE ION (MG/L AS HCO3)	10/05/72-07/28/77	40	17.	14.4	24.	4.	29.374	5.42	6.1	8.25	18.	20.
00445	CARBONATE ION (MG/L AS CO3)	04/23/73-07/28/77	37	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	09/02/74-12/01/77	9	0.39	1.297	4.6	0.08	3.574	1.891	0.08	0.16	2.785	4.6
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	09/02/74-12/01/77	9	0.89	3.456	13.	0.24	29.533	5.434	0.24	0.34	7.45	13.
00600	NITROGEN, TOTAL (MG/L AS N)	05/30/73-12/01/77	17	0.24	0.324	0.87	0.04	0.064	0.253	0.048	0.15	0.455	0.846
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/05/72-12/01/77	26	0.135	0.182	0.52	0.	0.025	0.158	0.028	0.07	0.21	0.476
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/22/74-05/22/74	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/22/74-07/05/74	4	0.02	0.018	0.02	0.01	0.	0.005	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/30/73-12/01/77	25	0.02	0.024	0.07	0.005	0.	0.02	0.005	0.008	0.04	0.06
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/02/73-09/03/74	6 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/16/74-05/22/74	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/05/72-09/03/74	10	0.16	0.207	0.43	0.	0.03	0.174	0.004	0.048	0.393	0.427
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/16/74-05/22/74	2	0.2	0.2	0.39	0.01	0.072	0.269	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/22/74-05/22/74	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/30/73-12/01/77	22	0.155	0.219	0.58	0.04	0.03	0.172	0.05	0.095	0.313	0.533
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/30/73-12/01/77	17	0.11	0.137	0.4	0.01	0.016	0.126	0.01	0.04	0.17	0.376
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/30/73-12/01/77	21	0.1	0.179	0.4	0.01	0.023	0.153	0.016	0.05	0.4	0.4
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/05/72-12/01/77	28	0.06	0.073	0.28	0.	0.006	0.076	0.	0.	0.113	0.21
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/72-12/01/77	29	0.02	0.034	0.09	0.005	0.001	0.027	0.005	0.01	0.05	0.08
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/74-07/05/74	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/72-12/01/77	28	0.02	0.026	0.09	0.005	0.001	0.024	0.005	0.005	0.038	0.07
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/30/73-09/03/74	13	2.	2.615	10.	0.5	5.638	2.374	0.7	1.5	3.1	7.36
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/72-07/28/77	19	8.	9.316	17.	3.	26.117	5.11	4.	4.	14.	16.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/05/72-07/28/77	19	0.	0.263	3.	0.	0.649	0.806	0.	0.	0.	2.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/72-07/28/77	19	3.1	3.116	5.4	0.9	2.519	1.587	1.4	1.5	4.4	5.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/72-07/28/77	19	0.2	0.358	1.	0.05	0.077	0.277	0.05	0.1	0.6	0.7

** - 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

Parameter Inventory for Station: YOSE0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/72-07/28/77	19	2.5	2.2	4.	0.4	1.581	1.257	0.7	0.9	3.3	3.8
00931	SODIUM ADSORPTION RATIO	10/05/72-07/28/77	19	0.3	0.305	0.5	0.1	0.013	0.113	0.2	0.2	0.4	0.4
00932	SODIUM, PERCENT	10/05/72-07/28/77	19	32.	31.737	42.	10.	42.538	6.522	27.	30.	34.	41.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/72-07/28/77	19	0.4	0.642	1.1	0.2	0.121	0.349	0.3	0.3	1.	1.1
00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/72-07/28/77	19	1.	2.084	6.	0.6	2.744	1.656	0.6	0.7	3.	5.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/05/72-07/28/77	19	2.	1.5	3.	0.5	0.49	0.7	0.5	0.9	2.	2.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/10/76-02/16/77	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/30/73-12/01/77	21	8.8	8.576	12.	3.9	8.921	2.987	4.88	5.55	12.	12.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/03/73-09/03/74	12	1.	1.667	6.	0.5	2.697	1.642	0.5	0.5	2.75	5.1
01001	ARSENIC, SUSPENDED (UG/L AS AS)	07/03/74-09/03/74	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/73-09/03/74	13	1.	1.654	5.	0.5	1.933	1.39	0.5	0.75	2.	4.6
01020	BORON, DISSOLVED (UG/L AS B)	10/05/72-07/28/77	5 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/03/73-09/03/74	12 ##	0.	0.25	2.	0.	0.386	0.622	0.	0.	0.	1.7
01026	CADMIUM, SUSPENDED (UG/L AS CD)	07/03/74-09/03/74	5 ##	5.	4.9	5.	4.5	0.05	0.224	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/30/73-09/03/74	13 ##	10.	6.923	10.	0.	23.077	4.804	0.	0.	10.	10.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/03/73-09/03/74	12 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01031	CHROMIUM, SUSPEND (UG/L AS CR)	07/03/74-09/03/74	5	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/30/73-09/03/74	13 ##	0.	1.538	10.	0.	14.103	3.755	0.	0.	0.	10.
01035	COBALT, DISSOLVED (UG/L AS CO)	07/03/73-09/03/74	12 ##	0.	0.417	1.	0.	0.265	0.515	0.	0.	1.	1.
01036	COBALT, SUSPENDED (UG/L AS CO)	07/03/74-09/03/74	5 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	05/30/73-09/03/74	13 ##	12.5	28.	50.	0.	465.958	21.586	0.6	12.5	50.	50.
01045	IRON, TOTAL (UG/L AS FE)	05/30/73-09/03/74	12	115.	117.5	230.	70.	1784.091	42.239	73.	85.	127.5	206.
01046	IRON, DISSOLVED (UG/L AS FE)	05/30/73-09/03/74	9	40.	42.222	60.	20.	194.444	13.944	20.	30.	55.	60.
01049	LEAD, DISSOLVED (UG/L AS PB)	07/03/73-09/03/74	12	2.	3.417	21.	0.	32.083	5.664	0.	1.	3.	15.9
01050	LEAD, SUSPENDED (UG/L AS PB)	07/03/74-09/03/74	5 ##	48.5	48.8	50.	48.	0.575	0.758	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/30/73-09/03/74	13 ##	100.	65.385	100.	25.	1514.423	38.916	25.	25.	100.	100.
01055	MANGANESE, TOTAL (UG/L AS MN)	05/22/74-05/22/74	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/22/74-05/22/74	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/03/73-09/03/74	11 ##	0.	14.545	80.	0.	807.273	28.413	0.	0.	20.	76.
01091	ZINC, SUSPENDED (UG/L ZN)	07/03/74-09/03/74	5	0.	4.	10.	0.	30.	5.477	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/30/73-09/03/74	12 ##	10.	25.833	100.	0.	1135.606	33.699	0.	0.	45.	94.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/73-09/02/74	21	3.	4.69	24.	0.5	28.362	5.326	0.5	0.75	6.	9.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/73-09/02/74	21	0.477	0.427	1.38	-0.301	0.256	0.506	-0.301	-0.151	0.778	0.991
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.675								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/01/74-09/02/74	10	20.5	28.1	100.	4.	751.433	27.412	4.7	11.75	32.5	94.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/01/74-09/02/74	10	1.312	1.303	2.	0.602	0.141	0.375	0.646	1.07	1.508	1.96
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			20.108								
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	09/02/74-09/02/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	09/02/74-09/02/74	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/05/72-07/28/77	19	29.	29.263	46.	2.	214.205	14.636	8.	15.	44.	46.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/05/72-07/28/77	19	21.	24.789	41.	14.	112.509	10.607	14.	14.	37.	40.
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/30/73-07/28/77	8	6.565	48.933	315.	4.16	11709.329	108.21	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/05/72-07/28/77	19	0.04	0.039	0.06	0.	0.	0.02	0.01	0.02	0.06	0.06
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	08/15/74-08/15/74	1	28.	28.	28.	28.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/16/74-07/05/74	5	0.03	0.026	0.04	0.01	0.	0.015	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/22/74-07/05/74	4	0.03	0.025	0.03	0.01	0.	0.01	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/05/72-09/03/74	10	0.7	0.92	1.9	0.	0.591	0.769	0.02	0.2	1.725	1.89
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/02/73-09/03/74	6	0.015	0.015	0.03	0.	0.	0.016	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/30/73-12/01/77	17	1.1	1.435	3.9	0.2	1.246	1.116	0.2	0.7	2.	3.74
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/03/73-09/03/74	12 ##	0.25	0.304	0.9	0.25	0.035	0.188	0.25	0.25	0.25	0.705
71895	MERCURY, SUSPENDED (UG/L AS HG)	07/03/74-09/03/74	5	0.	0.04	0.2	0.	0.008	0.089	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/30/73-09/03/74	13 ##	0.25	0.292	0.8	0.25	0.023	0.153	0.25	0.25	0.25	0.58
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/30/73-05/24/77	15	2.	4.133	32.	1.	60.124	7.754	1.	2.	3.	15.2
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/30/73-09/03/74	9	0.3	49.671	420.	0.15	19331.298	139.037	0.15	0.155	12.2	420.

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

EPA Water Quality Criteria Analysis for Station: YOSE0018

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	15	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	8	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	47	0	0.00	24	0	0.00	9	0	0.00	4	0	0.00	10	0	0.00
00400	PH	Other-Hi Lim.	9.	54	0	0.00	26	0	0.00	12	0	0.00	6	0	0.00	10	0	0.00
		Other-Lo Lim.	6.5	54	4	0.07	26	0	0.00	12	0	0.00	6	1	0.17	10	3	0.30
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	5	0	0.00				1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00				1	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	10	0	0.00	6	0	0.00	2	0	0.00	2	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.	17	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00	7	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	21	0	0.00	8	0	0.00	3	0	0.00	3	0	0.00	7	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	19	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00	7	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	19	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00	7	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	12	0	0.00	5	0	0.00				1	0	0.00	6	0	0.00
		Drinking Water	50.	12	0	0.00	5	0	0.00				1	0	0.00	6	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	5	0	0.00	2	0	0.00							3	0	0.00
		Drinking Water	50.	5	0	0.00	2	0	0.00							3	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	13	0	0.00	5	0	0.00				2	0	0.00	6	0	0.00
		Drinking Water	50.	13	0	0.00	5	0	0.00				2	0	0.00	6	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	12	0	0.00	5	0	0.00				1	0	0.00	6	0	0.00
		Drinking Water	5.	12	0	0.00	5	0	0.00				1	0	0.00	6	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	1 &	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	12	0	0.00	5	0	0.00				1	0	0.00	6	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	5	0	0.00	2	0	0.00							3	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	13	0	0.00	5	0	0.00				2	0	0.00	6	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	12	0	0.00	5	0	0.00				1	0	0.00	6	0	0.00
		Drinking Water	5.	12	1	0.08	5	0	0.00				1	1	1.00	6	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	5	0	0.00	2	0	0.00							3	0	0.00
		Drinking Water	5.	0 &	0	0.00												
01051	LEAD, TOTAL	Fresh Acute	82.	6 &	0	0.00	3	0	0.00							3	0	0.00
		Drinking Water	5.	0 &	0	0.00												
01090	ZINC, DISSOLVED	Fresh Acute	120.	11	0	0.00	5	0	0.00				1	0	0.00	5	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	5	0	0.00	2	0	0.00							3	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	12	0	0.00	5	0	0.00				2	0	0.00	5	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	21	0	0.00	14	0	0.00				2	0	0.00	5	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	10	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	6	0	0.00	5	0	0.00				1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	12	0	0.00	5	0	0.00				1	0	0.00	6	0	0.00
		Drinking Water	2.	12	0	0.00	5	0	0.00				1	0	0.00	6	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	5	0	0.00	2	0	0.00							3	0	0.00
		Drinking Water	2.	5	0	0.00	2	0	0.00							3	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	13	0	0.00	5	0	0.00				2	0	0.00	6	0	0.00
		Drinking Water	2.	13	0	0.00	5	0	0.00				2	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: YOSE0019

NPS Station ID: YOSE0019 | LAT/LON: 37.670004/-119.806671 | Agency: 21CAL-1 | Date Created: 08/27/76
Location: MERCED RIVER BELOW EL PORTAL | FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): B5151710 /5372501
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 | Depth of Water: 0 | Aquifer:
Major Basin: SAN JOAQUIN RIVER BASIN | Elevation: 0 | Water Body Id:
Minor Basin: MERCED RIVER | ECO Region:
RF1 Index: 18040008024 | RF1 Mile Point: 0.850 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 18040008005700.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.11 | On/Off RF3:
Description:
SURFACE WATER STATION; DATA MANAGER CODE: 8; AREAL CODE: ; BEGINNING OF RECORD: 1072; ELEVATION: 1970 ;
STATION NAME: MERCED RIVER BELOW EL PORTAL ; DWR COUNTY CODE: 22; LATITUDE: 374012; LONGITUDE: 1194824;
CALIFORNIA COORDINATES:

Parameter Inventory for Station: YOSE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/73-01/12/88	17	17.	13.959	20.	4.	32.389	5.691	4.	8.25	18.25	19.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/74-01/12/88	3	61.	59.	61.	55.	12.	3.464	**	**	**	**
00065	STAGE, STREAM (FEET)	09/01/74-09/08/77	4	1.455	1.295	1.48	0.79	0.114	0.337	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/07/77-09/08/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/03/73-01/12/88	15	25.	28.133	63.	8.	274.552	16.57	10.4	13.	40.	52.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/72-01/12/88	18	30.5	30.	72.	12.	292.353	17.098	12.9	13.75	40.	52.2
00300	OXYGEN, DISSOLVED MG/L	07/04/73-01/12/88	11	11.1	10.518	12.3	7.6	2.442	1.563	7.9	9.3	12.	12.28
00310	BOD, 5 DAY, 20 DEG C MG/L	02/21/73-09/08/77	5	1.	0.92	1.5	0.4	0.187	0.432	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	11/05/75-09/08/77	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
00400	PH (STANDARD UNITS)	07/03/73-01/12/88	14	7.	7.014	8.	6.6	0.134	0.366	6.6	6.8	7.05	7.75
00400	CONVERTED PH (STANDARD UNITS)	07/03/73-01/12/88	14	7.	6.914	8.	6.6	0.145	0.38	6.6	6.8	7.05	7.75
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/73-01/12/88	14	0.1	0.122	0.251	0.01	0.005	0.07	0.021	0.091	0.158	0.251
00403	PH, LAB, STANDARD UNITS SU	10/05/72-01/12/88	18	7.1	7.222	8.3	6.5	0.238	0.488	6.59	6.95	7.525	8.03
00403	CONVERTED PH, LAB, STANDARD UNITS	10/05/72-01/12/88	18	7.089	7.011	8.3	6.5	0.285	0.534	6.59	6.95	7.525	8.03
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/72-01/12/88	18	0.082	0.097	0.316	0.005	0.008	0.091	0.01	0.03	0.115	0.258
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/72-09/08/77	16	11.	11.313	21.	7.	18.363	4.285	7.	7.	14.75	17.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/08/74-01/12/88	5	2.	5.2	18.	0.	54.7	7.396	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/13/74-09/08/77	3	1.	1.	2.	0.	1.	1.	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/22/74-05/22/74	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/03/73-07/07/77	11	0.03	0.032	0.06	0.	0.	0.019	0.002	0.02	0.05	0.06
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/21/73-11/05/75	7	0.	0.004	0.01	0.	0.	0.005	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/05/72-07/07/77	11	0.06	0.128	0.4	0.	0.016	0.127	0.008	0.04	0.21	0.38
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/03/73-07/07/77	8	0.175	0.231	0.52	0.07	0.029	0.171	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/21/73-01/12/88	7	0.1	0.157	0.4	0.01	0.022	0.148	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/05/72-07/07/77	14	0.15	0.199	0.6	0.	0.031	0.176	0.	0.095	0.3	0.55
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/72-01/12/88	18	0.02	0.029	0.09	0.	0.001	0.026	0.009	0.01	0.05	0.081
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/74-07/05/74	4	0.005	0.005	0.01	0.	0.	0.006	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/72-01/12/88	17	0.01	0.015	0.05	0.	0.	0.017	0.	0.	0.02	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/03/73-09/03/74	10	2.1	2.74	10.	0.5	7.636	2.763	0.51	0.9	3.25	9.34
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/72-01/12/88	17	8.	9.	21.	4.	21.25	4.61	4.	4.5	12.5	15.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/72-01/12/88	17	3.1	3.118	7.2	1.4	2.283	1.511	1.48	1.65	4.	5.36

** - 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 time series plot

Parameter Inventory for Station: YOSE0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/72-01/12/88	17	0.2	0.288	0.7	0.	0.071	0.267	0.	0.05	0.55	0.7
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/72-01/12/88	17	2.1	2.088	4.3	0.4	1.29	1.136	0.8	0.95	3.05	3.42
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/72-09/08/77	15	0.4	0.58	1.2	0.2	0.102	0.319	0.26	0.3	0.9	1.08
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/05/72-09/08/77	16	0.8	1.581	5.	0.6	1.694	1.301	0.6	0.7	2.75	3.6
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/05/72-09/08/77	16	1.15	1.2	2.3	0.	0.464	0.681	0.	0.825	1.575	2.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/03/73-09/03/74	10	5.9	7.35	11.	5.2	6.629	2.575	5.21	5.3	11.	11.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/03/73-07/05/73	3	0.	2.	6.	0.	12.	3.464	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/22/74-09/03/74	7	1.	1.429	2.	1.	0.286	0.535	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/05/72-09/08/77	6	0.	0.	0.	0.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/03/73-07/05/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/22/74-09/03/74	7	10.	10.	10.	10.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/03/73-07/05/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/22/74-09/03/74	7	0.	0.	0.	0.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/03/73-07/05/73	3	1.	1.	1.	1.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	05/22/74-09/03/74	7	50.	50.	50.	50.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/03/74-09/03/74	6	95.	101.667	150.	70.	936.667	30.605	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/03/73-07/05/73	3	50.	46.667	50.	40.	33.333	5.774	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/03/73-07/05/73	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/22/74-09/03/74	7	100.	100.	100.	100.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/22/74-05/22/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/03/73-07/05/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/22/74-09/03/74	7	10.	8.571	30.	0.	114.286	10.69	**	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	01/12/88-01/12/88	1	11.	11.	11.	11.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/05/72-01/12/88	18	28.5	26.944	52.	2.	167.82	12.955	7.4	17.75	36.	42.1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/22/74-07/05/74	4	0.02	0.023	0.04	0.01	0.	0.015	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/05/72-12/18/75	3	0.6	0.5	0.7	0.2	0.07	0.265	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/03/73-07/05/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/22/74-09/03/74	7	0.	0.157	0.8	0.	0.086	0.294	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0019

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	11	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00
00400	PH	Other-Hi Lim.	9.	14	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	14	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	18	0	0.00	5	0	0.00	5	0	0.00	1	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	18	1	0.06	5	0	0.00	5	1	0.20	1	0	0.00	7	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	7	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	7	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	16	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	16	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00	7	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00										3	0	0.00
		Drinking Water	50.	3	0	0.00										3	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00	3	0	0.00				1	0	0.00	3	0	0.00
		Drinking Water	50.	7	0	0.00	3	0	0.00				1	0	0.00	3	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	0	0.00										3	0	0.00
		Drinking Water	5.	3	0	0.00										3	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	7	7	1.00	3	3	1.00				1	1	1.00	3	3	1.00
		Drinking Water	5.	7	7	1.00	3	3	1.00				1	1	1.00	3	3	1.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00										3	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	7	0	0.00	3	0	0.00				1	0	0.00	3	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00										3	0	0.00
		Drinking Water	5.	3	0	0.00										3	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	7	7	1.00	3	3	1.00				1	1	1.00	3	3	1.00
		Drinking Water	5.	7	7	1.00	3	3	1.00				1	1	1.00	3	3	1.00

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

EPA Water Quality Criteria Analysis for Station: YOSE0019

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00										3	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	7	0	0.00	3	0	0.00				1	0	0.00	3	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00	1	0	0.00	2	0	0.00						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	3	0	0.00										3	0	0.00
		Drinking Water	2.	3	0	0.00										3	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	3	0	0.00				1	0	0.00	3	0	0.00
		Drinking Water	2.	7	0	0.00	3	0	0.00				1	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: YOSE0020

NPS Station ID: YOSE0020
LAT/LON: 37.678059/-119.567226
Agency: 112WRD
Date Created: 01/11/92
Location: MONO MEADOW TRIB NR YOSEMITE CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374041119340200
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: 4.80
On/Off RF1:
RF3 Index: 18040008007700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	08/04/91-08/04/91	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/91-08/04/91	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/91-08/04/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/91-08/04/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/91-08/04/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/91-08/04/91	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/91-08/04/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/91-08/04/91	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/91-08/04/91	1	0.58	0.58	0.58	0.58	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/91-08/04/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/91-08/04/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/91-08/04/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/91-08/04/91	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/91-08/04/91	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/91-08/04/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/04/91-08/04/91	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: YOSE0020

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YOSE0021

NPS Station ID: YOSE0021
LAT/LON: 37.686948/-119.543060
Agency: 112WRD
Date Created: 01/11/92
Location: ILLILOUETTE CR NR YOSEMITE CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374113119323500
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: 12.10
On/Off RF1:
RF3 Index: 18040008034300.00
RF3 Mile Point: 2.25
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	08/04/91-08/04/91	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/04/91-08/04/91	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/91-08/04/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/04/91-08/04/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/91-08/04/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/04/91-08/04/91	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/04/91-08/04/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/04/91-08/04/91	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/04/91-08/04/91	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/91-08/04/91	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/91-08/04/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/04/91-08/04/91	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/91-08/04/91	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/91-08/04/91	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/91-08/04/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/04/91-08/04/91	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: YOSE0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YOSE0022

NPS Station ID: YOSE0022
LAT/LON: 37.688892/-119.699726
Agency: 112WRD
Date Created: 02/27/82
Location: GROUSE C A HWY 41 NR CHINQUAPIN CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374120119415900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 1.30
On/Off RF1:
RF3 Index: 18040008002605.17
RF3 Mile Point: 5.28
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-08/17/82	2	12.85	12.85	14.5	11.2	5.445	2.333	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/81-08/17/82	2	1.15	1.15	2.	0.3	1.445	1.202	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/81-08/17/82	2	35.5	35.5	43.	28.	112.5	10.607	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/81-08/17/82	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/17/82-08/17/82	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/81-08/17/82	2	6.65	6.65	7.1	6.2	0.405	0.636	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/81-08/17/82	2	6.45	6.45	7.1	6.2	0.485	0.697	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/81-08/17/82	2	0.355	0.355	0.631	0.079	0.152	0.39	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/18/81-08/17/82	2	7.65	7.65	7.7	7.6	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/18/81-08/17/82	2	7.647	7.647	7.7	7.6	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/81-08/17/82	2	0.023	0.023	0.025	0.02	0.	0.004	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/81-08/17/82	2	16.05	16.05	29.	3.1	335.405	18.314	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/81-08/17/82	2	22.	22.	24.	20.	8.	2.828	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/81-08/17/82	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/81-08/17/82	2	0.01	0.01	0.014	0.006	0.	0.006	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/81-08/17/82	2	15.5	15.5	19.	12.	24.5	4.95	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/81-08/17/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/81-08/17/82	2	5.2	5.2	6.4	4.	2.88	1.697	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/81-08/17/82	2	0.65	0.65	0.8	0.5	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/81-08/17/82	2	3.3	3.3	3.7	2.9	0.32	0.566	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/18/81-08/17/82	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/18/81-08/17/82	2	31.	31.	33.	29.	8.	2.828	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/81-08/17/82	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/81-08/17/82	2 ##	0.275	0.275	0.5	0.05	0.101	0.318	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/81-08/17/82	2	0.9	0.9	1.	0.8	0.02	0.141	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/81-08/17/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/81-08/17/82	2	19.	19.	20.	18.	2.	1.414	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/18/81-08/17/82	2 ##	4.	4.	5.	3.	2.	1.414	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/18/81-08/17/82	2	16.	16.	21.	11.	50.	7.071	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-08/17/82	2	5.	5.	8.	2.	18.	4.243	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-08/17/82	2	0.602	0.602	0.903	0.301	0.181	0.426	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			4.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/82-08/17/82	1	39.	39.	39.	39.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/82-08/17/82	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/82-08/17/82	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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	1	0.50										2	1	0.50
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0023

NPS Station ID: YOSE0023
LAT/LON: 37.690837/-119.766670
Agency: 112WRD
Date Created: 02/27/82
Location: CRANE C NR FORESTA CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374127119460000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 13.20
On/Off RF1:
RF3 Index: 18040008005101.20
RF3 Mile Point: 1.28
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/81-08/17/82	2	13.45	13.45	14.	12.9	0.605	0.778	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/81-08/17/82	2	2.65	2.65	5.	0.3	11.045	3.323	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/81-08/17/82	2	35.5	35.5	42.	29.	84.5	9.192	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/81-08/17/82	2	8.95	8.95	9.	8.9	0.005	0.071	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/17/82-08/17/82	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/20/81-08/17/82	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/20/81-08/17/82	2	6.26	6.26	7.	6.	0.616	0.785	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/81-08/17/82	2	0.55	0.55	1.	0.1	0.405	0.636	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/20/81-08/17/82	2	7.45	7.45	7.6	7.3	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/81-08/17/82	2	7.425	7.425	7.6	7.3	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/81-08/17/82	2	0.038	0.038	0.05	0.025	0.	0.018	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/20/81-08/17/82	2	22.45	22.45	41.	3.9	688.205	26.234	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/81-08/17/82	2	20.5	20.5	21.	20.	0.5	0.707	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/20/81-08/17/82	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/20/81-08/17/82	2	0.018	0.018	0.021	0.015	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/81-08/17/82	2	11.	11.	12.	10.	2.	1.414	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/20/81-08/17/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/81-08/17/82	2	3.6	3.6	3.9	3.3	0.18	0.424	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/81-08/17/82	2	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/81-08/17/82	2	3.6	3.6	4.1	3.1	0.5	0.707	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/20/81-08/17/82	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	08/20/81-08/17/82	2	38.5	38.5	40.	37.	4.5	2.121	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/81-08/17/82	2	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/81-08/17/82	2	0.45	0.45	0.6	0.3	0.045	0.212	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/81-08/17/82	2 ##	0.65	0.65	0.8	0.5	0.045	0.212	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/81-08/17/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/20/81-08/17/82	2	21.	21.	22.	20.	2.	1.414	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/20/81-08/17/82	2 ##	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/20/81-08/17/82	2	86.	86.	130.	42.	3872.	62.225	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/20/81-08/17/82	2	24.	24.	47.	1.	1058.	32.527	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/20/81-08/17/82	2	0.836	0.836	1.672	0.	1.398	1.182	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			6.856								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/82-08/17/82	1	41.	41.	41.	41.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/82-08/17/82	1	0.59	0.59	0.59	0.59	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/82-08/17/82	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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	1	0.50										2	1	0.50
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0024

NPS Station ID: YOSE0024
LAT/LON: 37.698892/-119.333892
Agency: 112WRD
Date Created: 01/11/92
Location: UPPER MERCED R NR YOSEMITE CA
FIPS State/County: 06039 CALIFORNIA/MADERA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374156119200200
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: 13.00
On/Off RF1:
RF3 Index: 18040008026601.42
RF3 Mile Point: 1.41
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	08/01/91-08/01/91	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/01/91-08/01/91	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/91-08/01/91	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/01/91-08/01/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/01/91-08/01/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/01/91-08/01/91	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/01/91-08/01/91	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/01/91-08/01/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/01/91-08/01/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/91-08/01/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/91-08/01/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/91-08/01/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/01/91-08/01/91	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/01/91-08/01/91	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/01/91-08/01/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/01/91-08/01/91	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: YOSE0024

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YOSE0025

NPS Station ID: YOSE0025
LAT/LON: 37.704170/-119.287503
Agency: 12WLS1
Date Created: 09/03/88
Location: (NO NAME)
FIPS State/County: 06039 CALIFORNIA/MADERA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4A1-016
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 29
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 14.40
On/Off RF1:
RF3 Index: 18040009086300.00
RF3 Mile Point: 1.02
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/85-09/24/85	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/85-09/24/85	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/24/85-09/24/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/85-09/24/85	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/24/85-09/24/85	1	0.58	0.58	0.58	0.58	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/24/85-09/24/85	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/85-09/24/85	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/85-09/24/85	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/24/85-09/24/85	1	25.1	25.1	25.1	25.1	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/24/85-09/24/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/85-09/24/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/24/85-09/24/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/24/85-09/24/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/85-09/24/85	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/85-09/24/85	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/85-09/24/85	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/24/85-09/24/85	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/85-09/24/85	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/85-09/24/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/85-09/24/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-09/24/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/24/85-09/24/85	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/24/85-09/24/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/24/85-09/24/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/24/85-09/24/85	1	10206.3	10206.3	10206.3	10206.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	400.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: YOSE0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: YOSE0026

NPS Station ID: YOSE0026
LAT/LON: 37.710281/-119.365282
Agency: 112WRD
Date Created: 11/06/82
Location: MERCED R AB WASHBURN LK CA
FIPS State/County: 06039 CALIFORNIA/MADERA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374237119215500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.70
On/Off RF1:
RF3 Index: 18040008039100.00
RF3 Mile Point: 0.03
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/82-08/13/82	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/82-08/13/82	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/13/82-08/13/82	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/13/82-08/13/82	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/13/82-08/13/82	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/13/82-08/13/82	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/82-08/13/82	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/13/82-08/13/82	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/13/82-08/13/82	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/82-08/13/82	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/13/82-08/13/82	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/82-08/13/82	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/13/82-08/13/82	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/82-08/13/82	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/82-08/13/82	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/13/82-08/13/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/82-08/13/82	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/82-08/13/82	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/82-08/13/82	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/13/82-08/13/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/13/82-08/13/82	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/82-08/13/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/82-08/13/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/13/82-08/13/82	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/82-08/13/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/82-08/13/82	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/13/82-08/13/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/13/82-08/13/82	1	41.	41.	41.	41.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/13/82-08/13/82	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/13/82-08/13/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			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: YOSE0026

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0027

NPS Station ID: YOSE0027
LAT/LON: 37.710837/-119.310838
Agency: 112WRD
Date Created: 01/11/92
Location: NORTH FORK LYELL CR NR YOSEMITE CA
FIPS State/County: 06039 CALIFORNIA/MADERA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374239119183900
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: 5.90
On/Off RF1:
RF3 Index: 18040008038500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.40
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	08/01/91-08/01/91	2	7.15	7.15	7.3	7.	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/01/91-08/01/91	2	7.125	7.125	7.3	7.	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/91-08/01/91	2	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/01/91-08/01/91	2 ##	0.053	0.053	0.1	0.005	0.005	0.067	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/01/91-08/01/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/01/91-08/01/91	2	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/01/91-08/01/91	2	0.08	0.08	0.1	0.06	0.001	0.028	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/01/91-08/01/91	2	0.5	0.5	0.6	0.4	0.02	0.141	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/01/91-08/01/91	2	0.13	0.13	0.14	0.12	0.	0.014	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/91-08/01/91	2	0.055	0.055	0.06	0.05	0.	0.007	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/91-08/01/91	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/91-08/01/91	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/01/91-08/01/91	2	3.45	3.45	5.	1.9	4.805	2.192	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/01/91-08/01/91	2 ##	2.75	2.75	4.	1.5	3.125	1.768	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/01/91-08/01/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/01/91-08/01/91	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

EPA Water Quality Criteria Analysis for Station: YOSE0027

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
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
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	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: YOSE0028

NPS Station ID: YOSE0028
LAT/LON: 37.710837/-119.310838
Agency: 112WRD
Date Created: 02/29/92
Location: HUTCHING CR NR YOSEMITE CA
FIPS State/County: 06039 CALIFORNIA/MADERA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374237119183900
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: 20.10
On/Off RF1:
RF3 Index: 18040008038700.00
RF3 Mile Point: 0.04
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	08/01/91-08/01/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/01/91-08/01/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/91-08/01/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/01/91-08/01/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/01/91-08/01/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/01/91-08/01/91	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/01/91-08/01/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/01/91-08/01/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/01/91-08/01/91	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/91-08/01/91	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/91-08/01/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/01/91-08/01/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/01/91-08/01/91	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/01/91-08/01/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/01/91-08/01/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/01/91-08/01/91	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: YOSE0028

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YOSE0029

NPS Station ID: YOSE0029 LAT/LON: 37.711115/-119.366115 Agency: 112WRD Date Created: 03/11/78
Location: MERCED R AB WASHBURN LK BL RED PEAK FK CA FIPS State/County: 06039 CALIFORNIA/MADERA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 374240119215800
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040008 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 18040008003302.43 RF3 Mile Point: 2.43 Distance from RF3: 0.07 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/77-08/12/77	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/12/77-08/12/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/12/77-08/12/77	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/12/77-08/12/77	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/12/77-08/12/77	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/12/77-08/12/77	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/77-08/12/77	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/12/77-08/12/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/12/77-08/12/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/12/77-08/12/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/12/77-08/12/77	1	0.57	0.57	0.57	0.57	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/12/77-08/12/77	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/12/77-08/12/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/77-08/12/77	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/77-08/12/77	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/12/77-08/12/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/12/77-08/12/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/77-08/12/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/12/77-08/12/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/12/77-08/12/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/12/77-08/12/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/12/77-08/12/77	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/12/77-08/12/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/12/77-08/12/77	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/12/77-08/12/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/12/77-08/12/77	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/12/77-08/12/77	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/77-08/12/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/77-08/12/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/12/77-08/12/77	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/77-08/12/77	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/12/77-08/12/77	1	24.	24.	24.	24.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/12/77-08/12/77	1	17.	17.	17.	17.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/12/77-08/12/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/12/77-08/12/77	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0029

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
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: YOSE0030

NPS Station ID: YOSE0030 | LAT/LON: 37.715281/-119.370837 | Agency: 112WRD | Date Created: 11/06/82
Location: WASHBURN LAKE CALIF | FIPS State/County: 06039 CALIFORNIA/MADERA
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 374255119221500
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 | Depth of Water: 0 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 18040008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.60 | On/Off RF1:
RF3 Index: 18040008003303.23 | RF3 Mile Point: 3.23 | Distance from RF3: 0.01 | On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/82-08/13/82	1	11.9	11.9	11.9	11.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/82-08/13/82	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/13/82-08/13/82	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/13/82-08/13/82	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/13/82-08/13/82	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/13/82-08/13/82	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/82-08/13/82	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/82-08/13/82	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/13/82-08/13/82	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/13/82-08/13/82	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/82-08/13/82	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/13/82-08/13/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/82-08/13/82	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/82-08/13/82	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/82-08/13/82	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/13/82-08/13/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/13/82-08/13/82	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/82-08/13/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/82-08/13/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/13/82-08/13/82	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/82-08/13/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/82-08/13/82	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/13/82-08/13/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/13/82-08/13/82	1	16.	16.	16.	16.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/13/82-08/13/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/13/82-08/13/82	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	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 time series plot

EPA Water Quality Criteria Analysis for Station: YOSE0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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

EPA Water Quality Criteria Analysis for Station: YOSE0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0031

NPS Station ID: YOSE0031 LAT/LON: 37.715838/-119.370837 Agency: 112WRD Date Created: 01/14/78
Location: WASHBURN LAKE ABOVE LEWIS CREEK NR YOSEMITE CA FIPS State/County: 06039 CALIFORNIA/MADERA
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 374257119221500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040008 RF1 Mile Point: 0.000 Distance from RF1: 29.60 On/Off RF1:
RF3 Index: 18040008005203.43 RF3 Mile Point: 3.43 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/77-08/12/77	10	12.5	12.35	18.	6.5	24.781	4.978	6.5	6.875	18.	18.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/12/77-08/12/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/12/77-08/12/77	10	11.	12.5	16.	10.	6.5	2.55	10.	10.75	16.	16.
00300	OXYGEN, DISSOLVED MG/L	08/12/77-08/12/77	10	7.	6.27	7.3	2.	2.747	1.657	2.3	5.825	7.15	7.3
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/12/77-08/12/77	10	85.5	78.1	100.	21.	644.767	25.392	24.2	62.75	100.	100.
00400	PH (STANDARD UNITS)	08/12/77-08/12/77	2	7.1	7.1	7.2	7.	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/12/77-08/12/77	2	7.089	7.089	7.2	7.	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/12/77-08/12/77	2	0.082	0.082	0.1	0.063	0.001	0.026	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/77-08/12/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/12/77-08/12/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/12/77-08/12/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/12/77-08/12/77	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/12/77-08/12/77	1	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/12/77-08/12/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/77-08/12/77	1	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/77-08/12/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/12/77-08/12/77	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/12/77-08/12/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/77-08/12/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/12/77-08/12/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/12/77-08/12/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/12/77-08/12/77	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/12/77-08/12/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/12/77-08/12/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/12/77-08/12/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/12/77-08/12/77	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/12/77-08/12/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/77-08/12/77	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/77-08/12/77	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/12/77-08/12/77	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/77-08/12/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/12/77-08/12/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/12/77-08/12/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/12/77-08/12/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/12/77-08/12/77	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	08/12/77-08/12/77	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

EPA Water Quality Criteria Analysis for Station: YOSE0031

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	10	1	0.10										10	1	0.10
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
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
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: YOSE0032

NPS Station ID: YOSE0032 LAT/LON: 37.716948/-119.665282 Agency: 112WRD Date Created: / /
Location: MERCED R A POHONO BRIDGE NR YOSEMITE CA FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11266500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040008 RF1 Mile Point: 0.000 Distance from RF1: 0.70 On/Off RF1:
RF3 Index: 18040008002900.00 RF3 Mile Point: 3.35 Distance from RF3: 0.06 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/71-08/17/82	4	11.6	12.05	18.5	6.5	28.777	5.364	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/19/81-08/17/82	2	107.5	107.5	170.	45.	7812.5	88.388	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/81-08/17/82	2	23.5	23.5	32.	15.	144.5	12.021	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/19/81-08/17/82	2	8.45	8.45	8.7	8.2	0.125	0.354	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/17/82-08/17/82	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/19/81-08/17/82	2	6.45	6.45	7.	5.9	0.605	0.778	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/19/81-08/17/82	2	6.168	6.168	7.	5.9	0.764	0.874	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/81-08/17/82	2	0.679	0.679	1.259	0.1	0.672	0.819	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/19/81-08/17/82	2	7.4	7.4	7.7	7.1	0.18	0.424	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/19/81-08/17/82	2	7.304	7.304	7.7	7.1	0.199	0.446	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/81-08/17/82	2	0.05	0.05	0.079	0.02	0.002	0.042	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/19/81-08/17/82	2	10.85	10.85	20.	1.7	167.445	12.94	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/81-08/17/82	3	8.	7.	9.	4.	7.	2.646	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/19/81-08/17/82	2	0.014	0.014	0.02	0.008	0.	0.008	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/19/81-08/17/82	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/81-08/17/82	2	8.	8.	11.	5.	18.	4.243	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/81-08/17/82	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/81-08/17/82	2	2.8	2.8	3.8	1.8	2.	1.414	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/81-08/17/82	2	0.25	0.25	0.4	0.1	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/81-08/17/82	2	1.75	1.75	2.3	1.2	0.605	0.778	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/19/81-08/17/82	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	08/19/81-08/17/82	2	30.5	30.5	32.	29.	4.5	2.121	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/81-08/17/82	2	0.65	0.65	0.9	0.4	0.125	0.354	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/81-08/17/82	2	1.9	1.9	3.	0.8	2.42	1.556	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/81-08/17/82	2 ##	0.65	0.65	0.8	0.5	0.045	0.212	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/81-08/17/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/81-08/17/82	2	7.1	7.1	8.2	6.	2.42	1.556	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/19/81-08/17/82	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/19/81-08/17/82	2	75.5	75.5	97.	54.	924.5	30.406	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/19/81-08/17/82	5	2.	4.1	12.	0.5	22.55	4.749	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/19/81-08/17/82	5	0.301	0.356	1.079	-0.301	0.301	0.548	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			2.268								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/19/81-08/17/82	5	4.	5.8	20.	0.5	66.075	8.129	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/19/81-08/17/82	5	0.602	0.381	1.301	-0.301	0.469	0.685	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2.402								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/82-08/17/82	1	17.	17.	17.	17.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/82-08/17/82	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/82-08/17/82	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 time series plot

Parameter Inventory for Station: YOSE0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/18/71-05/24/72	2	0.75	0.75	1.3	0.2	0.605	0.778	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/71-05/24/72	2	2.65	2.65	4.2	1.1	4.805	2.192	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0032

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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	1	0.50										2	1	0.50
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	5	0	0.00				3	0	0.00				2	0	0.00
71890	MERCURY, DISSOLVED	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			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	1	0.50				1	1	1.00	1	0	0.00			
		Drinking Water	2.	2	1	0.50				1	1	1.00	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: YOSE0033

NPS Station ID: YOSE0033
LAT/LON: 37.718337/-119.681671
Agency: 21CAL-1
Date Created: 08/27/76
Location: MERCED R A JCT BIGOAK FLAT RD&140
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): B5151950 /5372502
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin: SAN JOAQUIN RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: MERCED RIVER
ECO Region:
RF1 Index: 18040008025
RF1 Mile Point: 1.590
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 18040008002400.78
RF3 Mile Point: 1.56
Distance from RF3: 0.01
On/Off RF3:
Description:
SURFACE WATER STATION; DATA MANAGER CODE: 8; AREAL CODE: ; BEGINNING OF RECORD: 273 ; ELEVATION: 3700 ;
STATION NAME: MERCED R A JCT BIGOAK FLAT RD&140; DWR COUNTY CODE: 22; LATITUDE: 374306; LONGITUDE: 1194054;
CALIFORNIA COORDINATES:

Parameter Inventory for Station: YOSE0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/08/74-11/08/88	8	7.85	9.675	18.5	5.	23.219	4.819	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/04/75-11/08/88	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/07/77-09/08/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/08/74-11/08/88	8	19.5	26.	59.	8.	287.714	16.962	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/73-04/10/84	7	28.	28.571	48.	15.	154.619	12.435	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/08/74-11/08/88	8	10.35	9.975	11.8	7.2	2.885	1.699	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	02/21/73-09/08/77	5	0.6	0.68	1.3	0.4	0.137	0.37	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	11/04/75-09/08/77	3	2.	1.333	2.	0.	1.333	1.155	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/74-11/08/88	8	6.95	6.963	7.2	6.8	0.026	0.16	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/08/74-11/08/88	8	6.947	6.938	7.2	6.8	0.026	0.162	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/74-11/08/88	8	0.113	0.115	0.158	0.063	0.002	0.04	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/21/73-04/10/84	7	6.6	6.971	8.3	6.5	0.419	0.647	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/21/73-04/10/84	7	6.6	6.748	8.3	6.5	0.477	0.691	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/21/73-04/10/84	7	0.251	0.179	0.316	0.005	0.014	0.118	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/73-09/08/77	5	10.	9.8	14.	7.	8.7	2.95	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/08/74-09/08/77	4	4.5	6.	14.	1.	31.333	5.598	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/13/74-09/08/77	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/07/77-07/07/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/21/73-11/04/75	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/21/73-07/07/77	5	0.05	0.1	0.31	0.04	0.014	0.118	**	**	**	**
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/07/77-07/07/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/21/73-11/08/88	5	0.02	0.022	0.05	0.	0.001	0.023	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	02/21/73-07/07/77	5	0.1	0.06	0.1	0.	0.003	0.055	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/73-11/08/88	8	0.01	0.014	0.03	0.	0.	0.009	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/21/73-11/08/88	7	0.01	0.009	0.02	0.	0.	0.009	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/73-04/10/84	6	7.5	7.833	13.	2.	18.167	4.262	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/73-04/10/84	6	2.6	2.733	4.7	1.	1.623	1.274	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/73-04/10/84	6	0.2	0.317	0.8	0.	0.138	0.371	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/73-04/10/84	6	2.35	2.067	2.9	1.	0.743	0.862	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/73-09/08/77	3	0.5	0.5	1.	0.	0.25	0.5	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/21/73-09/08/77	4	3.	2.75	3.	2.	0.25	0.5	**	**	**	**

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

Parameter Inventory for Station: YOSE0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/21/73-09/08/77	4	0.55	0.475	0.8	0.	0.116	0.34	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	02/21/73-09/08/77	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	11/15/83-04/10/84	2	4.	4.	4.	4.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/73-04/10/84	7	21.	23.286	37.	12.	73.905	8.597	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/21/73-02/21/73	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: YOSE0033

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	8	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	8	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	7	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	7	1	0.14	1	0	0.00	4	1	0.25	1	0	0.00	1	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00				2	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	5	0	0.00				3	0	0.00	1	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	5	0	0.00				3	0	0.00	2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	2	0	0.00				1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	4	0	0.00	1	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						

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

Station Inventory for Station: YOSE0034

NPS Station ID: YOSE0034
LAT/LON: 37.718893/-119.647227
Agency: 112WRD
Date Created: 02/27/82
Location: BRIDALVEIL C IN YOSEMITE VALLEY CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374308119385000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 8.30
On/Off RF1:
RF3 Index: 18040008004801.06
RF3 Mile Point: 1.13
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/81-08/17/82	2	13.1	13.1	15.5	10.7	11.52	3.394	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/81-08/17/82	2	1.65	1.65	3.	0.3	3.645	1.909	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/81-08/17/82	2	38.5	38.5	46.	31.	112.5	10.607	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/81-08/17/82	2	8.9	8.9	9.4	8.4	0.5	0.707	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/17/82-08/17/82	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/81-08/17/82	2	6.75	6.75	7.2	6.3	0.405	0.636	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/81-08/17/82	2	6.55	6.55	7.2	6.3	0.485	0.697	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/81-08/17/82	2	0.282	0.282	0.501	0.063	0.096	0.31	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/18/81-08/17/82	2	7.45	7.45	7.5	7.4	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/18/81-08/17/82	2	7.447	7.447	7.5	7.4	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/81-08/17/82	2	0.036	0.036	0.04	0.032	0.	0.006	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/81-08/17/82	2	13.35	13.35	24.	2.7	226.845	15.061	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/81-08/17/82	2	23.5	23.5	25.	22.	4.5	2.121	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/18/81-08/17/82	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/81-08/17/82	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/81-08/17/82	2	16.5	16.5	18.	15.	4.5	2.121	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/81-08/17/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/81-08/17/82	2	5.4	5.4	5.8	5.	0.32	0.566	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/81-08/17/82	2	0.7	0.7	0.8	0.6	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/81-08/17/82	2	3.15	3.15	3.4	2.9	0.125	0.354	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/18/81-08/17/82	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	08/18/81-08/17/82	2	28.5	28.5	29.	28.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/81-08/17/82	2	0.8	0.8	0.9	0.7	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/81-08/17/82	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/81-08/17/82	2 ##	0.65	0.65	0.8	0.5	0.045	0.212	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/81-08/17/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/81-08/17/82	2	17.	17.	17.	17.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/18/81-08/17/82	2 ##	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/18/81-08/17/82	2	14.	14.	16.	12.	8.	2.828	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-08/17/82	2	29.	29.	55.	3.	1352.	36.77	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/18/81-08/17/82	2	1.109	1.109	1.74	0.477	0.798	0.893	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			12.845								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/82-08/17/82	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/82-08/17/82	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/82-08/17/82	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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	1	0.50										2	1	0.50
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0035

NPS Station ID: YOSE0035 | LAT/LON: 37.720003/-119.664449 | Agency: 21CAL-1 | Date Created: 12/03/76
Location: YOSEMITE VLY STP %EFFLUENT< | FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): B5152130 /5372503
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 | Depth of Water: 0 | Aquifer:
Major Basin: SAN JOAQUIN RIVER BASIN | Elevation: 0 | Water Body Id:
Minor Basin: MERCED RIVER | ECO Region:
RF1 Index: 18040008025 | RF1 Mile Point: 2.570 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 18040008001202.82 | RF3 Mile Point: 2.81 | Distance from RF3: 0.00 | On/Off RF3:
Description:
SURFACE WATER STATION; DATA MANAGER CODE: 8; AREAL CODE: ; BEGINNING OF RECORD: 474 ; ELEVATION: 3910 ;
STATION NAME: YOSEMITE VLY STP %EFFLUENT< ; DWR COUNTY CODE: 22; LATITUDE: 374314; LONGITUDE: 1193900;
CALIFORNIA COORDINATES:

Parameter Inventory for Station: YOSE0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/22/74-06/11/74	2	4.97	4.97	9.8	0.14	46.658	6.831	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/10/74-09/02/74	6	7.3	7.337	16.	0.52	35.816	5.985	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/22/74-08/14/74	3	0.	0.007	0.02	0.	0.	0.012	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/22/74-08/14/74	3	7.4	12.433	25.	4.9	120.003	10.955	**	**	**	**
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	04/10/74-09/02/74	5	2.8	6.26	20.	2.	59.538	7.716	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/22/74-08/14/74	3	7.4	12.433	25.	4.9	120.003	10.955	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	04/10/74-09/02/74	5	14.	14.68	31.	3.	116.812	10.808	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/10/74-09/02/74	6	5.7	5.117	6.5	2.8	2.526	1.589	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/74-07/04/74	2	3.8	3.8	5.1	2.5	3.38	1.838	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/10/74-09/02/74	6	3.9	4.017	5.6	2.3	1.85	1.36	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/10/74-09/02/74	5	12.	15.28	31.	2.7	126.147	11.232	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/22/74-08/14/74	4	4.35	4.325	6.2	2.4	2.543	1.595	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0035

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00							1	0	0.00	2	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	1	0.33							1	0	0.00	2	1	0.50
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	1	0.33							1	0	0.00	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: YOSE0036

NPS Station ID: YOSE0036 LAT/LON: 37.720837/-119.651115 Agency: 112WRD Date Created: / /
Location: EFFLNT FRM TREATMNT PLNT NR YOSEMITE VILLAG CA FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11266450
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040008 RF1 Mile Point: 0.000 Distance from RF1: 1.10 On/Off RF1:
RF3 Index: 18040008002400.78 RF3 Mile Point: 1.26 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/73-04/20/73	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/73-04/20/73	1	385.	385.	385.	385.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/20/73-04/20/73	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/20/73-04/20/73	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/73-04/20/73	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/20/73-04/20/73	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/73-04/20/73	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/20/73-04/20/73	1	86.	86.	86.	86.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/20/73-04/20/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	04/20/73-08/14/74	11	17.	18.136	36.	4.5	95.505	9.773	5.6	11.	25.	35.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/20/73-09/02/74	13	2.8	4.646	20.	0.	31.071	5.574	0.	1.55	5.45	16.8
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	02/21/74-08/14/74	4	1.62	3.26	9.8	0.	21.053	4.588	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/21/74-08/14/74	6	4.55	5.967	16.	0.5	31.059	5.573	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/20/73-09/02/74	15	1.9	5.018	16.	0.03	33.02	5.746	0.036	0.08	11.	14.2
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/03/73-09/02/74	6 ##	0.005	0.171	1.	0.005	0.165	0.406	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/07/73-08/14/74	5 ##	0.005	0.075	0.34	0.005	0.022	0.148	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/03/73-09/02/74	6	13.65	13.583	25.	1.1	92.774	9.632	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/07/73-08/14/74	5	7.4	10.5	25.	4.9	67.99	8.246	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	02/21/74-08/14/74	4	5.25	7.285	18.	0.64	59.752	7.73	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/73-09/02/74	13	7.2	8.892	31.	1.3	66.951	8.182	1.54	2.95	13.	24.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/20/73-08/14/74	11	9.	10.	25.	3.2	35.174	5.931	3.54	6.5	12.	23.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/20/73-09/02/74	11	11.	11.782	25.	2.1	57.132	7.559	2.34	6.8	20.	24.2
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	04/10/74-04/10/74	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	04/10/74-04/10/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/20/73-09/02/74	13	11.	11.369	17.	4.3	18.249	4.272	5.14	7.55	15.5	17.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/20/73-09/02/74	15	4.6	4.533	7.6	1.4	3.441	1.855	1.94	3.	6.4	7.06
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/21/74-07/04/74	3	3.5	3.7	5.1	2.5	1.72	1.311	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/20/73-09/02/74	13	3.5	3.723	5.7	1.4	2.034	1.426	1.68	2.45	5.05	5.66
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/20/73-09/02/74	12	12.	13.075	31.	2.7	60.16	7.756	3.09	7.8	16.	28.3
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/15/74-08/14/74	5	3.9	4.02	6.2	2.4	2.277	1.509	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	02/21/74-08/14/74	6	5.85	7.823	21.	0.64	54.078	7.354	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/03/73-09/02/74	6	60.5	60.15	111.	4.9	1838.375	42.876	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/03/73-09/02/74	6	0.	0.55	3.3	0.	1.815	1.347	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	04/20/73-08/14/74	11	73.	80.182	159.	20.	1904.164	43.637	25.2	47.	111.	155.8

** - 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: YOSE0036

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	1	0.17	2	0	0.00	1	0	0.00	1	0	0.00	2	1	0.50
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	5	0	0.00				1	0	0.00	1	0	0.00	3	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	3	0.50	2	2	1.00	1	0	0.00	1	0	0.00	2	1	0.50
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	1	0.20				1	0	0.00	1	0	0.00	3	1	0.33
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	4	0.36				3	0	0.00	3	1	0.33	5	3	0.60
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	11	6	0.55	2	2	1.00	2	0	0.00	3	1	0.33	4	3	0.75
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	6	3	0.50	2	2	1.00	1	0	0.00	1	0	0.00	2	1	0.50
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	6	1	0.17	2	0	0.00	1	0	0.00	1	0	0.00	2	1	0.50

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

Station Inventory for Station: YOSE0037

NPS Station ID: YOSE0037
LAT/LON: 37.721670/-119.628337
Agency: 21CAL-1
Date Created: 08/27/76
Location: MERCED R A EL CAPITAN BR
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): B5154010 /5372504
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin: SAN JOAQUIN RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: MERCED RIVER
ECO Region:
RF1 Index: 18040008027
RF1 Mile Point: 1.490
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 18040008002500.82
RF3 Mile Point: 1.95
Distance from RF3: 0.00
On/Off RF3:
Description:
SURFACE WATER STATION; DATA MANAGER CODE: 8; AREAL CODE: ; BEGINNING OF RECORD: 1072; ELEVATION: 3960 ;
STATION NAME: MERCED R A EL CAPITAN BR ; DWR COUNTY CODE: 22; LATITUDE: 374318; LONGITUDE: 1193742;
CALIFORNIA COORDINATES:

Parameter Inventory for Station: YOSE0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/73-09/03/74	10	15.	14.45	18.5	7.5	9.358	3.059	8.	13.25	16.125	18.45
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/05/73-09/03/74	4	57.5	192.25	598.	56.	73172.25	270.504	**	**	**	**
00065	STAGE, STREAM (FEET)	09/01/74-09/03/74	3	1.35	1.357	1.37	1.35	0.	0.012	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/03/73-09/03/74	8	11.	17.125	29.	10.	86.411	9.296	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/72-09/03/74	11	11.	18.182	41.	10.	123.764	11.125	10.	10.	28.	38.6
00300	OXYGEN, DISSOLVED MG/L	07/04/74-07/04/74	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/03/73-09/03/74	8	6.7	6.675	6.8	6.5	0.011	0.104	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/03/73-09/03/74	8	6.7	6.664	6.8	6.5	0.011	0.104	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/73-09/03/74	8	0.2	0.217	0.316	0.158	0.003	0.053	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/05/72-09/03/74	11	6.7	6.709	7.	6.5	0.017	0.13	6.52	6.6	6.8	6.96
00403	CONVERTED PH, LAB, STANDARD UNITS	10/05/72-09/03/74	11	6.7	6.692	7.	6.5	0.017	0.131	6.52	6.6	6.8	6.96
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/72-09/03/74	11	0.2	0.203	0.316	0.1	0.003	0.057	0.112	0.158	0.251	0.303
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/72-09/03/74	11	6.	8.182	11.	5.	7.364	2.714	5.2	6.	11.	11.
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/22/74-05/22/74	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/03/73-09/03/74	10	0.035	0.033	0.05	0.01	0.	0.013	0.011	0.02	0.043	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/22/74-09/03/74	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/05/72-09/03/74	7	0.01	0.057	0.28	0.	0.01	0.1	**	**	**	**
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/03/73-09/03/74	7	0.06	0.111	0.27	0.02	0.008	0.091	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/22/74-09/03/74	4	0.01	0.015	0.03	0.01	0.	0.01	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/05/72-09/03/74	10	0.1	0.129	0.3	0.05	0.006	0.079	0.05	0.08	0.2	0.29
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/72-09/03/74	13	0.01	0.02	0.08	0.	0.001	0.028	0.	0.	0.035	0.076
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/74-07/05/74	4	0.005	0.018	0.06	0.	0.001	0.029	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/72-09/03/74	13	0.	0.011	0.07	0.	0.	0.02	0.	0.	0.015	0.054
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/03/73-09/03/74	10	1.45	2.43	5.6	1.	2.758	1.661	1.	1.3	4.225	5.47
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/72-09/03/74	11	5.	6.273	13.	2.	13.218	3.636	2.2	4.	9.	12.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/72-09/03/74	11	1.6	2.209	4.4	0.8	1.507	1.228	0.88	1.2	3.3	4.32
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/72-09/03/74	11	0.2	0.218	0.6	0.	0.04	0.199	0.	0.1	0.4	0.58
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/72-09/03/74	11	1.	1.273	3.2	0.1	0.844	0.919	0.12	0.7	1.9	2.98
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/72-09/03/74	11	0.3	0.436	0.9	0.2	0.067	0.258	0.2	0.2	0.7	0.86
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/05/72-09/03/74	11	0.8	1.345	5.	0.1	1.965	1.402	0.12	0.5	2.	4.4
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/05/72-09/03/74	11	1.1	1.	1.6	0.3	0.166	0.407	0.32	0.8	1.3	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

Parameter Inventory for Station: YOSE0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/03/73-09/03/74	10	5.3	6.31	9.1	4.6	3.497	1.87	4.62	4.8	8.825	9.08
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/03/73-07/05/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/22/74-09/03/74	7	1.	0.857	2.	0.	0.81	0.9	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/05/72-10/05/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/03/73-07/05/73	3	1.	0.667	1.	0.	0.333	0.577	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/22/74-09/03/74	7	10.	10.	10.	10.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/03/73-07/05/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/22/74-09/03/74	7	0.	0.	0.	0.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/03/73-07/05/73	3	1.	1.	2.	0.	1.	1.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	05/22/74-09/03/74	7	50.	50.	50.	50.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/03/74-09/03/74	6	155.	181.667	290.	110.	7056.667	84.004	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/03/73-07/05/73	3	40.	40.	50.	30.	100.	10.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/03/73-07/05/73	3	0.	0.667	2.	0.	1.333	1.155	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/22/74-09/03/74	7	100.	100.	100.	100.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/22/74-05/22/74	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/03/73-07/05/73	3	0.	3.333	10.	0.	33.333	5.774	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/22/74-09/03/74	7	0.	51.429	340.	0.	16214.286	127.335	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/05/72-09/03/74	11	18.	18.273	33.	5.	103.018	10.15	5.	8.	27.	32.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/22/74-07/05/74	4	0.035	0.038	0.06	0.02	0.	0.017	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/05/72-10/05/72	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/03/73-07/05/73	3	0.1	0.067	0.1	0.	0.003	0.058	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/22/74-09/03/74	7	0.	0.743	4.2	0.	2.463	1.569	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	8	0	0.00	3	0	0.00				1	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	8	1	0.13	3	0	0.00				1	0	0.00	4	1	0.25
00403	PH, LAB	Other-Hi Lim.	9.	11	0	0.00	4	0	0.00				1	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	11	1	0.09	4	0	0.00				1	0	0.00	6	1	0.17
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	3	0	0.00				1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	7	0	0.00	5	0	0.00	1	0	0.00	1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	3	0	0.00				1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	11	0	0.00	4	0	0.00				1	0	0.00	6	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	11	0	0.00	4	0	0.00				1	0	0.00	6	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00										3	0	0.00
		Drinking Water	50.	3	0	0.00										3	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00	3	0	0.00				1	0	0.00	3	0	0.00
		Drinking Water	50.	7	0	0.00	3	0	0.00				1	0	0.00	3	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	0	0.00										3	0	0.00
		Drinking Water	5.	3	0	0.00										3	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	7	7	1.00	3	3	1.00				1	1	1.00	3	3	1.00
		Drinking Water	5.	7	7	1.00	3	3	1.00				1	1	1.00	3	3	1.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00										3	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	7	0	0.00	3	0	0.00				1	0	0.00	3	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00										3	0	0.00
		Drinking Water	5.	3	0	0.00										3	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	7	7	1.00	3	3	1.00				1	1	1.00	3	3	1.00
		Drinking Water	5.	7	7	1.00	3	3	1.00				1	1	1.00	3	3	1.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00										3	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	7	1	0.14	3	0	0.00				1	1	1.00	3	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	3	0	0.00										3	0	0.00
		Drinking Water	2.	3	0	0.00										3	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	1	0.14	3	0	0.00				1	0	0.00	3	1	0.33
		Drinking Water	2.	7	1	0.14	3	0	0.00				1	0	0.00	3	1	0.33

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

Station Inventory for Station: YOSE0038

NPS Station ID: YOSE0038
LAT/LON: 37.721670/-119.712505
Agency: 112WRD
Date Created: 07/30/76
Location: MERCED R A BIG OAK FLAT NR EL PORTAL CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11266750
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 18040008000501.66
RF3 Mile Point: 2.11
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/08/74-11/30/77	40	13.25	12.21	19.5	5.5	20.475	4.525	6.	7.55	16.	18.4
00060	FLOW, STREAM, MEAN DAILY CFS	07/23/75-09/24/75	2	73.5	73.5	88.	59.	420.5	20.506	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/23/75-11/30/77	9	33.	96.	500.	7.	24596.75	156.834	7.	13.	105.	500.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/10/76-07/28/77	4	1.	1.25	2.	1.	0.25	0.5	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/07/77-09/08/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/21/73-11/30/77	41	34.	36.512	55.	8.	156.856	12.524	19.2	26.	49.	51.8
00300	OXYGEN, DISSOLVED MG/L	05/08/74-11/30/77	37	8.6	8.851	11.8	6.9	1.591	1.262	7.28	7.9	9.9	10.74
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/23/75-11/30/77	26	92.	91.308	100.	73.	43.182	6.571	79.	88.	96.25	99.3
00310	BOD, 5 DAY, 20 DEG C MG/L	02/21/73-09/08/77	5	0.6	0.68	1.3	0.4	0.137	0.37	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	11/04/75-09/08/77	3	2.	1.333	2.	0.	1.333	1.155	**	**	**	**
00400	PH (STANDARD UNITS)	05/08/74-11/30/77	40	6.85	6.792	7.5	6.	0.167	0.409	6.1	6.5	7.1	7.4
00400	CONVERTED PH (STANDARD UNITS)	05/08/74-11/30/77	40	6.847	6.602	7.5	6.	0.205	0.452	6.1	6.5	7.1	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/74-11/30/77	40	0.142	0.25	1.	0.032	0.065	0.256	0.04	0.079	0.316	0.794
00405	CARBON DIOXIDE (MG/L AS CO2)	09/23/75-07/28/77	12	6.	5.708	11.	0.8	9.232	3.038	0.92	3.075	7.975	10.13
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/21/73-11/30/77	37	13.	13.486	26.	3.	20.535	4.532	9.4	11.	16.	20.
00440	BICARBONATE ION (MG/L AS HCO3)	09/23/75-07/28/77	12	16.	15.25	22.	4.	17.477	4.181	7.	14.25	16.	21.1
00445	CARBONATE ION (MG/L AS CO3)	11/10/76-07/28/77	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/08/74-09/08/77	4	4.5	6.	14.	1.	31.333	5.598	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/13/74-09/08/77	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	09/24/75-11/30/77	5	0.53	0.45	0.95	0.04	0.14	0.374	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	09/24/75-11/30/77	5	0.66	0.654	1.33	0.14	0.252	0.502	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/23/75-11/30/77	12	0.15	0.202	0.48	0.01	0.029	0.171	0.01	0.07	0.383	0.474
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/23/75-11/30/77	12	0.06	0.101	0.41	0.	0.016	0.128	0.	0.	0.165	0.365
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/23/75-11/30/77	13 ##	0.005	0.009	0.04	0.005	0.	0.01	0.005	0.005	0.01	0.028
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/21/73-07/07/77	5	0.05	0.1	0.31	0.04	0.014	0.118	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/21/73-11/30/77	17	0.05	0.106	0.41	0.02	0.011	0.103	0.044	0.05	0.11	0.322
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/75-11/30/77	12	0.055	0.097	0.44	0.01	0.015	0.124	0.01	0.023	0.125	0.374
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/21/73-11/30/77	14	0.05	0.085	0.4	0.02	0.01	0.101	0.025	0.03	0.083	0.3
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/21/73-11/30/77	16	0.045	0.064	0.25	0.	0.005	0.072	0.	0.008	0.082	0.201
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/21/73-11/30/77	17	0.02	0.026	0.1	0.005	0.001	0.026	0.005	0.01	0.03	0.076
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/21/73-11/30/77	16	0.015	0.023	0.08	0.005	0.	0.022	0.005	0.006	0.028	0.066
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/21/73-09/08/77	8	12.	10.75	16.	5.	14.214	3.77	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/10/76-07/28/77	4	0.	0.5	2.	0.	1.	1.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/21/73-09/08/77	8	3.8	3.525	4.7	1.6	1.336	1.156	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/21/73-09/08/77	8	0.5	0.519	1.	0.05	0.1	0.316	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/21/73-09/08/77	8	2.7	2.588	3.5	1.2	0.461	0.679	**	**	**	**
00931	SODIUM ADSORPTION RATIO	02/21/73-09/08/77	8	0.35	0.338	0.4	0.2	0.006	0.074	**	**	**	**
00932	SODIUM, PERCENT	02/21/73-09/08/77	7	32.	33.143	42.	29.	20.143	4.488	**	**	**	**

** - Less than 9 observations ## - 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: YOSE0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/21/73-09/08/77	7	0.7	0.636	1.2	0.05	0.172	0.415	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/21/73-09/08/77	8	3.	3.25	5.	2.	1.071	1.035	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-09/08/77	8	0.55	0.75	2.	0.3	0.283	0.532	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/10/76-02/16/77	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/10/76-11/30/77	8	9.9	9.15	12.	3.4	7.817	2.796	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	02/21/73-09/08/77	7 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/21/73-09/08/77	9	31.	29.333	43.	11.	158.25	12.58	11.	16.5	41.5	43.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/10/76-07/28/77	4	32.	28.5	38.	12.	135.	11.619	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	11/04/75-09/08/77	4	4.14	6.495	16.2	1.5	44.246	6.652	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/21/73-09/08/77	9	0.04	0.04	0.06	0.01	0.	0.017	0.01	0.025	0.055	0.06
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/21/73-07/07/77	5	0.2	0.46	1.4	0.2	0.278	0.527	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/23/75-11/30/77	12	0.65	0.89	2.1	0.04	0.571	0.755	0.04	0.3	1.725	2.07
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/25/77-05/25/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00				2	0	0.00	1	0	0.00	1	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	37	0	0.00	16	0	0.00	15	0	0.00	1	0	0.00	5	0	0.00
00400	PH	Other-Hi Lim.	9.	40	0	0.00	17	0	0.00	16	0	0.00	2	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	40	12	0.30	17	4	0.24	16	7	0.44	2	0	0.00	5	1	0.20
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	5	0	0.00				3	0	0.00	1	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	14	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00	4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	8	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	5	0	0.00				3	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: YOSE0039

NPS Station ID: YOSE0039
LAT/LON: 37.723892/-119.556671
Agency: 112WRD
Date Created: 02/27/82
Location: ILLILOUETTE C NR HAPPY ISLES CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374326119332400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.20
On/Off RF1:
RF3 Index: 18040008012300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/81-08/16/82	2	14.3	14.3	15.	13.6	0.98	0.99	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/19/81-08/16/82	2	7.5	7.5	13.	2.	60.5	7.778	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/81-08/16/82	2	27.	27.	35.	19.	128.	11.314	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/19/81-08/16/82	2	8.1	8.1	8.6	7.6	0.5	0.707	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/16/82-08/16/82	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/19/81-08/16/82	2	6.65	6.65	7.3	6.	0.845	0.919	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/19/81-08/16/82	2	6.28	6.28	7.3	6.	1.119	1.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/81-08/16/82	2	0.525	0.525	1.	0.05	0.451	0.672	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/19/81-08/16/82	2	7.6	7.6	7.8	7.4	0.08	0.283	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/19/81-08/16/82	2	7.555	7.555	7.8	7.4	0.084	0.29	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/81-08/16/82	2	0.028	0.028	0.04	0.016	0.	0.017	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/19/81-08/16/82	2	10.2	10.2	19.	1.4	154.88	12.445	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/81-08/16/82	2	12.	12.	14.	10.	8.	2.828	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/19/81-08/16/82	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/19/81-08/16/82	2 ##	0.006	0.006	0.01	0.003	0.	0.005	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/81-08/16/82	2	8.5	8.5	10.	7.	4.5	2.121	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/81-08/16/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/81-08/16/82	2	2.85	2.85	3.3	2.4	0.405	0.636	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/81-08/16/82	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/81-08/16/82	2	2.3	2.3	2.8	1.8	0.5	0.707	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/19/81-08/16/82	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	08/19/81-08/16/82	2	35.5	35.5	36.	35.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/81-08/16/82	2	0.55	0.55	0.7	0.4	0.045	0.212	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/81-08/16/82	2	1.95	1.95	3.	0.9	2.205	1.485	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/81-08/16/82	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/81-08/16/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/81-08/16/82	2	10.8	10.8	12.	9.6	2.88	1.697	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/19/81-08/16/82	2 ##	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/19/81-08/16/82	2 ##	9.	9.	13.	5.	32.	5.657	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/19/81-08/19/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/19/81-08/19/81	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			2.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/16/82-08/16/82	1	25.	25.	25.	25.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/16/82-08/16/82	1	0.86	0.86	0.86	0.86	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/16/82-08/16/82	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0039

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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	1	0.50										2	1	0.50
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0040

NPS Station ID: YOSE0040 LAT/LON: 37.724170/-119.630559 Agency: 112WRD Date Created: / /
Location: MERCED R A EL CAPITAN BR NR YOSEMITE VILAGE CA FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11266400
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040008 RF1 Mile Point: 0.000 Distance from RF1: 0.80 On/Off RF1:
RF3 Index: 18040008001400.00 RF3 Mile Point: 0.19 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/73-09/03/74	34	15.	13.779	18.5	2.	21.367	4.622	4.75	12.375	17.	18.25
00060	FLOW, STREAM, MEAN DAILY CFS	01/15/74-01/15/74	1	265.	265.	265.	265.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/20/73-09/03/74	19	317.	790.895	3680.	20.	1311683.988	1145.288	38.	56.	1340.	3680.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/30/73-09/04/73	9	2.	3.444	6.	1.	6.028	2.455	1.	1.	6.	6.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/72-09/03/74	35	18.	22.6	54.	8.	145.953	12.081	9.6	11.	35.	39.2
00300	OXYGEN, DISSOLVED MG/L	05/30/73-09/02/74	15	8.2	8.56	12.	7.1	1.7	1.304	7.34	7.6	9.3	10.86
00400	PH (STANDARD UNITS)	10/05/72-09/03/74	26	6.5	6.535	7.3	6.	0.074	0.273	6.27	6.375	6.7	6.93
00400	CONVERTED PH (STANDARD UNITS)	10/05/72-09/03/74	26	6.5	6.463	7.3	6.	0.08	0.282	6.27	6.375	6.7	6.93
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/72-09/03/74	26	0.316	0.344	1.	0.05	0.038	0.196	0.118	0.2	0.424	0.54
00405	CARBON DIOXIDE (MG/L AS CO2)	10/05/72-09/03/74	25	3.5	5.02	17.	1.6	13.761	3.71	2.12	2.5	7.35	10.16
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/72-09/03/74	34	8.	8.882	21.	2.	19.622	4.43	4.5	6.	11.	16.
00440	BICARBONATE ION (MG/L AS HCO3)	10/05/72-09/03/74	34	10.	10.853	26.	3.	29.826	5.461	5.5	7.	14.	19.5
00445	CARBONATE ION (MG/L AS CO3)	04/20/73-09/03/74	33	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	09/02/74-09/02/74	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	09/02/74-09/02/74	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	05/30/73-05/22/74	6	0.245	0.257	0.49	0.06	0.02	0.142	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/05/72-09/03/74	14	0.1	0.129	0.38	0.	0.011	0.106	0.01	0.055	0.185	0.325
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/22/74-05/22/74	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/22/74-07/05/74	4	0.015	0.015	0.02	0.01	0.	0.006	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/30/73-09/03/74	15	0.03	0.035	0.08	0.01	0.	0.018	0.01	0.02	0.04	0.062
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/02/73-09/03/74	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/15/74-05/22/74	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/05/72-09/03/74	9	0.03	0.058	0.28	0.01	0.007	0.085	0.01	0.01	0.055	0.28
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/15/74-05/22/74	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/22/74-05/22/74	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/30/73-09/03/74	12	0.135	0.166	0.46	0.04	0.015	0.124	0.043	0.06	0.225	0.409
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/30/73-05/22/74	6	0.02	0.022	0.03	0.01	0.	0.008	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/30/73-09/03/74	11	0.03	0.028	0.05	0.01	0.	0.017	0.01	0.01	0.05	0.05
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/05/72-09/03/74	16	0.015	0.036	0.21	0.	0.003	0.055	0.	0.	0.06	0.126
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/72-09/03/74	17	0.01	0.02	0.08	0.005	0.001	0.023	0.005	0.005	0.02	0.072
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/74-07/05/74	4 ##	0.008	0.02	0.06	0.005	0.001	0.027	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/72-09/03/74	16 ##	0.008	0.014	0.07	0.005	0.	0.017	0.005	0.005	0.02	0.042
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/30/73-09/03/74	15	1.5	2.12	5.6	1.	2.015	1.419	1.	1.4	2.5	4.82
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/72-09/03/74	15	6.	7.133	13.	2.	15.695	3.962	2.6	4.	12.	12.4
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/05/72-09/03/74	15	0.	0.267	2.	0.	0.352	0.594	0.	0.	0.	1.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/72-09/03/74	15	2.5	2.473	4.4	0.8	1.844	1.358	0.8	1.2	4.	4.34
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/72-09/03/74	15	0.2	0.26	0.6	0.05	0.031	0.175	0.05	0.1	0.4	0.54
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/72-09/03/74	15	1.1	1.513	3.2	0.1	1.014	1.007	0.16	0.7	2.6	3.02

** - 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

Parameter Inventory for Station: YOSE0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00931	SODIUM ADSORPTION RATIO	10/05/72-09/03/74	15	0.2	0.233	0.4	0.	0.017	0.129	0.	0.2	0.3	0.4
00932	SODIUM, PERCENT	10/05/72-09/03/74	15	32.	28.733	40.	4.	126.781	11.26	4.	24.	35.	39.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/72-09/03/74	15	0.4	0.553	1.1	0.2	0.11	0.331	0.2	0.3	0.9	1.04
00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/72-09/03/74	15	1.	1.52	5.	0.1	1.636	1.279	0.16	0.7	2.	3.8
00945	SULFATE, TOTAL (MG/L AS SO4)	10/05/72-09/03/74	15	1.	1.	2.	0.3	0.211	0.46	0.36	0.8	1.	2.
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/30/73-09/03/74	14	5.85	7.371	12.	4.1	9.055	3.009	4.35	4.8	9.825	12.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/03/73-09/03/74	13	1.	1.462	4.	0.5	1.311	1.145	0.5	0.5	2.	3.6
01001	ARSENIC, SUSPENDED (UG/L AS AS)	07/03/74-09/03/74	6 ##	0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/30/73-09/03/74	14	1.	4.214	33.	0.5	72.412	8.51	0.5	0.5	4.5	19.5
01020	BORON, DISSOLVED (UG/L AS B)	10/05/72-10/05/72	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/03/73-09/03/74	13 ##	1.	0.619	2.	0.	0.418	0.647	0.	0.	1.	1.6
01026	CADMIUM, SUSPENDED (UG/L AS CD)	07/03/74-09/03/74	6 ##	5.	4.833	5.	4.5	0.067	0.258	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/30/73-09/03/74	14 ##	10.	7.143	10.	0.	21.978	4.688	0.	0.	10.	10.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/03/73-09/03/74	13 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01031	CHROMIUM, SUSPEND (UG/L AS CR)	07/03/74-09/03/74	6	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/30/73-09/03/74	14 ##	0.	1.429	10.	0.	13.187	3.631	0.	0.	0.	10.
01035	COBALT, DISSOLVED (UG/L AS CO)	07/03/73-09/03/74	13 ##	0.	0.462	2.	0.	0.603	0.776	0.	0.	1.	2.
01036	COBALT, SUSPENDED (UG/L AS CO)	07/03/74-09/03/74	6 ##	25.	24.833	25.	24.	0.167	0.408	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	05/30/73-09/03/74	14 ##	31.25	30.357	50.	0.	425.824	20.636	6.25	12.5	50.	50.
01045	IRON, TOTAL (UG/L AS FE)	05/30/73-09/03/74	13	200.	196.923	340.	110.	6606.41	81.28	110.	115.	275.	320.
01046	IRON, DISSOLVED (UG/L AS FE)	05/30/73-09/03/74	10	60.	63.	120.	30.	845.556	29.078	30.	37.5	77.5	118.
01049	LEAD, DISSOLVED (UG/L AS PB)	07/03/73-09/03/74	13	2.	2.077	6.	0.	2.744	1.656	0.	1.	3.	5.2
01050	LEAD, SUSPENDED (UG/L AS PB)	07/03/74-09/03/74	6 ##	49.	48.833	49.5	48.	0.267	0.516	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/30/73-09/03/74	14 ##	100.	89.286	400.	25.	9395.604	96.931	25.	25.	100.	250.
01055	MANGANESE, TOTAL (UG/L AS MN)	05/22/74-05/22/74	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/22/74-05/22/74	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/03/73-09/03/74	12 ##	0.	7.5	50.	0.	220.455	14.848	0.	0.	10.	41.
01091	ZINC, SUSPENDED (UG/L ZN)	07/03/74-09/03/74	6	0.	1.667	10.	0.	16.667	4.082	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	05/30/73-09/03/74	13 ##	10.	90.	560.	0.	30483.333	174.595	0.	0.	120.	472.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/73-09/02/74	19	18.	20.316	62.	0.5	372.839	19.309	0.5	2.	28.	59.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/73-09/02/74	19	1.255	0.952	1.792	-0.301	0.553	0.743	-0.301	0.301	1.447	1.771
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.947								
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	09/02/74-09/02/74	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	09/02/74-09/02/74	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/30/73-09/03/74	14	22.	21.571	40.	5.	139.187	11.798	5.	8.75	29.75	39.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/05/72-09/03/74	15	18.	21.333	35.	11.	92.381	9.612	11.	12.	33.	33.8
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/30/73-09/03/74	8	4.265	33.304	209.	3.78	5139.112	71.688	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/05/72-09/03/74	15	0.03	0.03	0.05	0.01	0.	0.016	0.01	0.01	0.04	0.05
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/15/74-07/05/74	5	0.03	0.032	0.06	0.01	0.	0.019	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/22/74-07/05/74	4	0.02	0.02	0.03	0.01	0.	0.012	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/05/72-09/03/74	9	0.1	0.233	1.2	0.	0.143	0.377	0.	0.	0.25	1.2
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/02/73-09/03/74	7	0.	0.	0.	0.	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/30/73-05/22/74	6	1.1	1.15	2.2	0.3	0.407	0.638	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/03/73-09/03/74	13 ##	0.25	0.315	1.1	0.25	0.056	0.236	0.25	0.25	0.25	0.76
71895	MERCURY, SUSPENDED (UG/L AS HG)	07/03/74-09/03/74	6	0.	0.7	4.2	0.	2.94	1.715	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/30/73-09/03/74	14 ##	0.25	0.586	4.2	0.25	1.122	1.059	0.25	0.25	0.25	2.6
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/30/73-09/03/74	11	2.	3.	10.	1.	5.8	2.408	1.2	2.	3.	8.6
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/30/73-09/03/74	8	0.385	14.383	99.	0.15	1188.352	34.472	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: YOSE0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	9	0	0.00	3	0	0.00				1	0	0.00	5	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	15	0	0.00	11	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
00400	PH	Other-Hi Lim.	9.	26	0	0.00	14	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	26	16	0.62	14	6	0.43	2	2	1.00	4	4	1.00	6	4	0.67
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	7	0	0.00	6	0	0.00				1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: YOSE0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00				1	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	9	0	0.00	7	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.	6	0	0.00				1	0	0.00	2	0	0.00	3	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	11	0	0.00	6	0	0.00				2	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	15	0	0.00	7	0	0.00				2	0	0.00	6	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	15	0	0.00	7	0	0.00				2	0	0.00	6	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	13	0	0.00	6	0	0.00				1	0	0.00	6	0	0.00
		Drinking Water	50.	13	0	0.00	6	0	0.00				1	0	0.00	6	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	6	0	0.00	3	0	0.00							3	0	0.00
		Drinking Water	50.	6	0	0.00	3	0	0.00							3	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	14	0	0.00	6	0	0.00				2	0	0.00	6	0	0.00
		Drinking Water	50.	14	0	0.00	6	0	0.00				2	0	0.00	6	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	13	0	0.00	6	0	0.00				1	0	0.00	6	0	0.00
		Drinking Water	5.	13	0	0.00	6	0	0.00				1	0	0.00	6	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	2 &	0	0.00	1	0	0.00							1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	13	0	0.00	6	0	0.00				1	0	0.00	6	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	6	0	0.00	3	0	0.00							3	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	14	0	0.00	6	0	0.00				2	0	0.00	6	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	13	0	0.00	6	0	0.00				1	0	0.00	6	0	0.00
		Drinking Water	5.	13	1	0.08	6	0	0.00				1	1	1.00	6	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	6	0	0.00	3	0	0.00							3	0	0.00
		Drinking Water	5.	0 &	0	0.00												
01051	LEAD, TOTAL	Fresh Acute	82.	7 &	1	0.14	3	0	0.00				1	1	1.00	3	0	0.00
		Drinking Water	5.	1 &	1	1.00							1	1	1.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	12	0	0.00	5	0	0.00				1	0	0.00	6	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	6	0	0.00	3	0	0.00							3	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	13	3	0.23	5	1	0.20				2	2	1.00	6	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	19	0	0.00	11	0	0.00				3	0	0.00	5	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	9	0	0.00	7	0	0.00	1	0	0.00	1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	7	0	0.00	6	0	0.00				1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	13	0	0.00	6	0	0.00				1	0	0.00	6	0	0.00
		Drinking Water	2.	13	0	0.00	6	0	0.00				1	0	0.00	6	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	6	1	0.17	3	0	0.00							3	1	0.33
		Drinking Water	2.	6	1	0.17	3	0	0.00							3	1	0.33
71900	MERCURY, TOTAL	Fresh Acute	2.4	14	1	0.07	6	0	0.00				2	0	0.00	6	1	0.17
		Drinking Water	2.	14	1	0.07	6	0	0.00				2	0	0.00	6	1	0.17

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

Station Inventory for Station: YOSE0041

NPS Station ID: YOSE0041
LAT/LON: 37.724170/-119.711949
Agency: 112WRD
Date Created: 11/06/82
Location: CASCADE C BL CASCADES CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374327119424300
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 11.30
On/Off RF1:
RF3 Index: 18040008002609.80
RF3 Mile Point: 9.80
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/82-08/17/82	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/17/82-08/17/82	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/82-08/17/82	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/17/82-08/17/82	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/17/82-08/17/82	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/17/82-08/17/82	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/17/82-08/17/82	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/82-08/17/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/17/82-08/17/82	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/17/82-08/17/82	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/82-08/17/82	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/82-08/17/82	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/82-08/17/82	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/17/82-08/17/82	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/17/82-08/17/82	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/82-08/17/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/17/82-08/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/82-08/17/82	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/82-08/17/82	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/82-08/17/82	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/17/82-08/17/82	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/17/82-08/17/82	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/82-08/17/82	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/82-08/17/82	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/82-08/17/82	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/17/82-08/17/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/82-08/17/82	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/17/82-08/17/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/17/82-08/17/82	1	9.	9.	9.	9.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/17/82-08/17/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/17/82-08/17/82	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/17/82-08/17/82	1	22.	22.	22.	22.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/17/82-08/17/82	1	1.342	1.342	1.342	1.342	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			22.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/82-08/17/82	1	27.	27.	27.	27.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/82-08/17/82	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/82-08/17/82	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: YOSE0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0042

NPS Station ID: YOSE0042
LAT/LON: 37.725281/-119.556115
Agency: 112WRD
Date Created: 11/18/75
Location: ILLILOUETTE CREEK AB. MOUTH
FIPS State/County: 06001 CALIFORNIA/ALAMEDA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374331119332200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 18040009038400.24
RF3 Mile Point: 0.26
Distance from RF3: 0.15
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/72-05/24/72	1	10.	10.	10.	10.	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/24/72-05/24/72	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/24/72-05/24/72	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: YOSE0042

				Total	Exceed	Prop.	9/01-10/15			10/16-3/15			3/16-5/31			6/01-8/31		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	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: YOSE0043

NPS Station ID: YOSE0043 | LAT/LON: 37.725281/-119.556115 | Agency: 112WRD | Date Created: 11/18/75
Location:
FIPS State/County: 06001 CALIFORNIA/ALAMEDA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374331119332201
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 | Depth of Water: 0 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.40 | On/Off RF1:
RF3 Index: 18040008002900.00 | RF3 Mile Point: 2.64 | Distance from RF3: 0.01 | On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/71-10/19/71	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/19/71-10/19/71	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/19/71-10/19/71	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0043

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	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: YOSE0044

NPS Station ID: YOSE0044
LAT/LON: 37.726392/-119.550004
Agency: 112WRD
Date Created: 11/18/75
Location:
FIPS State/County: 06001 CALIFORNIA/ALAMEDA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374335119330001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 18040008002900.00
RF3 Mile Point: 2.64
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/71-10/18/71	1	6.	6.	6.	6.	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/18/71-10/18/71	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/71-10/18/71	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: YOSE0044

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	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: YOSE0045

NPS Station ID: YOSE0045
LAT/LON: 37.726392/-119.550004
Agency: 112WRD
Date Created: 08/30/76
Location: MERCED R BL VERNAL FALLS CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374335119330000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 18040008001400.00
RF3 Mile Point: 0.19
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/72-05/24/72	1	10.	10.	10.	10.	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/24/72-05/24/72	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/24/72-05/24/72	1	0.7	0.7	0.7	0.7	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: YOSE0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	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: YOSE0046

NPS Station ID: YOSE0046
LAT/LON: 37.731392/-119.513338
Agency: 112WRD
Date Created: 01/11/86
Location: MERCED R BL SUNRISE C CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374353119304801
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 1.30
On/Off RF1:
RF3 Index: 18040008001903.74
RF3 Mile Point: 6.77
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/83-09/16/83	1	13.1	13.1	13.1	13.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/83-09/16/83	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/16/83-09/16/83	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/16/83-09/16/83	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/16/83-09/16/83	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/83-09/16/83	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/16/83-09/16/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/16/83-09/16/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/83-09/16/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/16/83-09/16/83	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/16/83-09/16/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/16/83-09/16/83	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/16/83-09/16/83	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/16/83-09/16/83	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/16/83-09/16/83	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/16/83-09/16/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/83-09/16/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/16/83-09/16/83	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/16/83-09/16/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/16/83-09/16/83	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/16/83-09/16/83	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/16/83-09/16/83	1	47.	47.	47.	47.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/83-09/16/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/83-09/16/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			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: YOSE0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	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

EPA Water Quality Criteria Analysis for Station: YOSE0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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									
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0047

NPS Station ID: YOSE0047 LAT/LON: 37.731670/-119.557781 Agency: 112WRD Date Created: / /
Location: MERCED R A HAPPY ISLES BRIDGE NR YOSEMITE CA FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11264500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040008 RF1 Mile Point: 0.000 Distance from RF1: 0.60 On/Off RF1:
RF3 Index: 18040008002000.40 RF3 Mile Point: 1.58 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	342	7.85	8.008	19.	0.5	26.372	5.135	1.5	3.	12.8	15.
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/68-04/04/77	35	139.	411.314	2010.	3.	275816.751	525.183	8.	34.	740.	1266.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	255	74.	294.69	2900.	0.	286719.782	535.462	5.	18.	261.	926.4
00065	STAGE, STREAM (FEET)	07/11/75-11/21/84	34	2.36	2.703	6.8	0.79	2.353	1.534	1.09	1.41	3.565	5.265
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/03/73-07/28/77	9 ##	0.5	0.611	1.	0.	0.111	0.333	0.	0.5	1.	1.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/07/77-05/28/92	41	0.5	0.622	1.6	0.	0.148	0.384	0.2	0.35	0.9	1.18
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	313	22.	23.514	65.	3.	158.071	12.573	8.	12.	36.	41.
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	281	10.8	10.811	18.	7.6	2.955	1.719	8.7	9.4	12.	12.68
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/77-01/31/86	25	100.	99.72	103.	97.	2.377	1.542	97.	99.	101.	101.
00310	BOD, 5 DAY, 20 DEG C MG/L	02/20/69-06/10/80	37	0.6	0.673	2.1	0.	0.223	0.472	0.	0.35	0.9	1.44
00335	COD, .025N K2CR2O7 MG/L	11/04/75-06/10/80	10	2.	2.62	9.	0.	6.866	2.62	0.1	1.	3.5	8.6
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	302	6.9	6.828	8.	5.6	0.168	0.41	6.23	6.6	7.1	7.3
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	302	6.9	6.612	8.	5.6	0.215	0.464	6.23	6.6	7.1	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	302	0.126	0.244	2.512	0.01	0.102	0.319	0.05	0.079	0.251	0.592
00403	PH, LAB, STANDARD UNITS SU	10/31/80-05/28/92	62	7.35	7.392	8.6	5.6	0.348	0.59	6.7	7.075	7.725	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	10/31/80-05/28/92	62	7.347	6.934	8.6	5.6	0.561	0.749	6.7	7.075	7.725	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/31/80-05/28/92	62	0.045	0.116	2.512	0.003	0.108	0.329	0.005	0.019	0.085	0.2
00405	CARBON DIOXIDE (MG/L AS CO2)	10/19/71-03/10/78	74	1.9	2.619	14.	0.3	5.95	2.439	0.95	1.3	3.	5.15
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	224	7.	6.692	18.	1.	8.106	2.847	3.	5.	8.	10.
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	11/18/85-07/19/88	11	6.	7.182	14.	4.	10.764	3.281	4.	4.	10.	13.4
00440	BICARBONATE ION (MG/L AS HCO3)	03/12/68-03/10/78	102	8.	8.412	22.	1.	11.453	3.384	5.	6.	10.	12.7
00445	CARBONATE ION (MG/L AS CO3)	03/12/68-03/10/78	99	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	11/21/86-07/19/88	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	11/18/85-07/19/88	11	7.	8.818	18.	4.	19.164	4.378	4.2	5.	13.	17.2
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	11/15/88-11/18/92	15	0.	0.067	1.	0.	0.067	0.258	0.	0.	0.	0.4
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/15/88-11/18/92	16	9.5	11.438	28.	4.	46.263	6.802	4.	6.25	17.5	22.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/20/67-10/04/76	7	23.	28.714	72.	16.	371.238	19.268	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/20/67-06/10/80	11 ##	0.5	1.409	5.	0.	2.991	1.729	0.1	0.5	3.	4.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/13/74-09/08/77	3	2.	1.667	3.	0.	2.333	1.528	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/15/74-10/05/74	3	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/15/74-10/05/74	3	2.3	2.8	4.6	1.5	2.59	1.609	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	02/20/69-11/09/81	43	0.31	0.396	1.5	0.03	0.125	0.354	0.09	0.11	0.59	0.824
00602	NITROGEN, DISSOLVED (MG/L AS N)	11/26/80-07/23/82	13	0.44	0.453	0.74	0.22	0.026	0.163	0.24	0.325	0.58	0.708
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	89	0.1	0.249	1.7	0.	0.104	0.322	0.	0.06	0.32	0.63
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	05/23/74-07/23/82	16	0.45	0.413	0.63	0.04	0.029	0.171	0.131	0.275	0.568	0.588
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/20/70-05/28/92	88	0.03	0.041	0.22	0.	0.002	0.043	0.005	0.01	0.05	0.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	95	0.02	0.032	0.16	0.	0.001	0.034	0.005	0.005	0.05	0.08
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/02/73-05/28/92	34 ##	0.005	0.006	0.02	0.005	0.	0.003	0.005	0.005	0.005	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 time series plot

Parameter Inventory for Station: YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/23/74-05/28/92	34 ##	0.005	0.007	0.02	0.005	0.	0.003	0.005	0.005	0.01	0.01
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/70-08/03/91	39	0.03	0.044	0.44	0.	0.005	0.073	0.	0.01	0.05	0.09
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/23/74-11/15/77	27	0.03	0.05	0.39	0.	0.006	0.075	0.008	0.01	0.06	0.098
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	05/23/74-07/17/91	25	0.39	0.368	0.7	0.	0.036	0.19	0.08	0.245	0.545	0.588
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	11/26/80-09/21/82	21	0.11	0.252	1.4	0.	0.136	0.369	0.	0.01	0.33	0.912
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	132	0.2	0.287	1.7	0.01	0.085	0.291	0.053	0.1	0.4	0.6
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	97	0.03	0.064	1.4	0.	0.025	0.157	0.01	0.015	0.05	0.092
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	114	0.05	0.075	1.4	0.	0.028	0.166	0.01	0.025	0.05	0.1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/18/68-06/29/79	17	0.03	0.052	0.19	0.	0.003	0.055	0.	0.02	0.08	0.15
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	95	0.	0.022	0.15	0.	0.001	0.033	0.	0.	0.03	0.064
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	183	0.01	0.018	0.3	0.	0.001	0.029	0.005	0.005	0.02	0.036
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/23/74-05/28/92	67	0.01	0.015	0.08	0.005	0.	0.015	0.005	0.005	0.02	0.032
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	124 ##	0.005	0.01	0.09	0.	0.	0.013	0.	0.005	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/29/73-09/08/82	34	2.1	2.406	12.	0.	4.581	2.14	0.65	0.975	3.1	4.75
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/17/77-05/13/82	5	2.	1.86	2.8	0.9	0.863	0.929	**	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	02/17/77-09/21/82	6	0.1	0.117	0.2	0.1	0.002	0.041	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/23/74-09/21/82	15	0.	0.006	0.04	0.	0.	0.014	0.	0.	0.005	0.04
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	160	6.	6.563	17.	1.	8.927	2.988	3.	4.	8.	10.9
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	129	0.	0.907	7.	0.	2.569	1.603	0.	0.	1.	4.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	196	2.1	2.228	6.3	0.2	1.209	1.1	0.9	1.325	2.975	3.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	195	0.2	0.217	0.8	0.	0.022	0.15	0.05	0.1	0.3	0.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	199	1.8	1.877	7.4	0.1	0.98	0.99	0.7	1.	2.5	3.2
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	160	0.3	0.324	1.4	0.	0.018	0.135	0.2	0.3	0.4	0.4
00932p	SODIUM, PERCENT	03/12/68-01/31/86	158	37.	36.703	74.	4.	56.694	7.53	28.	33.75	40.25	44.1
00933	SODIUM,PLUS POTASSIUM (MG/L)	10/30/78-02/26/80	8	2.25	2.238	3.2	1.	0.526	0.725	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	198	0.4	0.366	1.	0.	0.028	0.166	0.2	0.2	0.5	0.6
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	199	2.	2.757	10.	0.	4.661	2.159	0.4	0.9	4.	5.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	196	1.	1.416	6.	0.	1.019	1.009	0.5	0.8	2.	2.5
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	157	0.05	0.077	0.4	0.	0.004	0.065	0.	0.05	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	172	6.1	6.294	15.	0.9	5.462	2.337	3.33	4.2	8.	9.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/08/73-07/17/91	56 ##	0.5	1.063	6.	0.	1.182	1.087	0.5	0.5	1.	3.
01001	ARSENIC, SUSPENDED (UG/L AS AS)	07/03/74-09/21/82	14 ##	0.5	0.821	6.	0.	2.331	1.527	0.	0.	0.625	3.5
01002	ARSENIC, TOTAL (UG/L AS AS)	05/29/73-09/21/82	31	1.	2.274	21.	0.5	15.014	3.875	0.5	1.	2.	4.8
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/10/80-05/28/92	38	7.	5.974	13.	0.	9.053	3.009	1.	3.75	8.	10.
01006	BARIUM, SUSPENDED (UG/L AS BA)	07/31/80-09/24/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	11/19/74-09/21/82	13 ##	50.	34.615	50.	0.	576.923	24.019	0.	0.	50.	50.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/31/80-07/17/91	34 ##	0.25	0.346	1.5	0.25	0.064	0.254	0.25	0.25	0.25	0.5
01015	BISMUTH, DISSOLVED (UG/L AS BI)	10/06/70-10/06/70	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/12/68-06/10/80	71	10.	14.07	100.	0.	358.352	18.93	0.	10.	10.	30.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/08/73-07/17/91	54 ##	0.5	0.481	2.	0.	0.16	0.4	0.	0.	0.5	1.
01026	CADMIUM, SUSPENDED (UG/L AS CD)	07/03/74-04/23/81	11 ##	5.	4.409	5.	0.	2.191	1.48	0.9	4.5	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	05/29/73-09/21/82	29 ##	10.	5.931	10.	0.	24.352	4.935	0.	0.	10.	10.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/08/73-07/17/91	59 ##	0.5	0.381	3.	0.	0.313	0.56	0.	0.	0.5	1.
01031	CHROMIUM, SUSPEND (UG/L AS CR)	07/03/74-09/24/81	13	0.	2.308	10.	0.	19.231	4.385	0.	0.	5.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/29/73-09/21/82	32 ##	0.	3.438	15.	0.	24.899	4.99	0.	0.	10.	10.
01035	COBALT, DISSOLVED (UG/L AS CO)	10/06/70-05/28/92	57 ##	1.5	1.342	16.	0.	4.582	2.141	0.	0.	1.5	1.5
01036	COBALT, SUSPENDED (UG/L AS CO)	07/03/74-07/28/77	10 ##	25.	24.95	25.	24.5	0.025	0.158	24.55	25.	25.	25.
01037	COBALT, TOTAL (UG/L AS CO)	05/29/73-07/28/77	18 ##	50.	34.722	50.	0.	396.242	19.906	11.25	12.5	50.	50.
01040	COPPER, DISSOLVED (UG/L AS CU)	11/10/76-07/17/91	44 ##	0.75	1.591	15.	0.	6.585	2.566	0.	0.5	1.75	5.
01041	COPPER, SUSPENDED (UG/L AS CU)	11/10/76-07/28/77	4 ##	4.75	4.625	5.	4.	0.229	0.479	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/19/74-09/21/82	18 ##	9.	7.639	20.	0.	27.23	5.218	0.45	4.	10.	16.4
01044	IRON, SUSPENDED (UG/L AS FE)	07/31/80-09/21/82	6	65.	85.	180.	20.	4270.	65.345	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/29/73-09/21/82	31	90.	108.548	260.	5.	3031.989	55.064	62.	70.	130.	196.
01046p	IRON, DISSOLVED (UG/L AS FE)	03/12/68-05/28/92	96	40.	43.188	140.	0.	579.375	24.07	18.7	28.25	57.5	73.9
01049	LEAD, DISSOLVED (UG/L AS PB)	01/08/73-07/17/91	55 ##	2.	2.655	17.	0.	12.499	3.535	0.5	0.5	2.5	5.4
01050	LEAD, SUSPENDED (UG/L AS PB)	07/03/74-04/23/81	12 ##	49.	40.708	49.5	0.	362.294	19.034	0.	46.875	49.5	49.5
01051	LEAD, TOTAL (UG/L AS PB)	05/29/73-09/21/82	28 ##	100.	60.089	100.	0.	1959.927	44.271	2.75	16.	100.	100.
01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/10/76-09/21/82	8	8.	6.875	10.	0.	9.839	3.137	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/23/74-09/21/82	19	5.	8.316	20.	5.	22.228	4.715	5.	5.	10.	20.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/23/74-05/28/92	45	2.	2.033	5.	0.	2.482	1.575	0.5	0.5	3.	5.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/31/80-05/28/92	37 ##	5.	5.27	15.	5.	2.703	1.644	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/06/70-05/28/92	32 ##	0.5	0.688	3.	0.5	0.27	0.52	0.5	0.5	0.5	1.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/25/77-05/28/92	39 ##	0.5	0.5	2.	0.	0.118	0.344	0.	0.5	0.5	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

Parameter Inventory for Station: YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01076	SILVER, SUSPENDED (UG/L AS AG)	05/25/77-09/21/82	7	0.	1.429	5.	0.	5.952	2.44	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	11/19/74-09/21/82	16 ##	0.25	3.281	10.	0.	21.999	4.69	0.	0.	10.	10.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	12/11/68-05/28/92	38	28.5	40.158	320.	7.	2571.272	50.708	10.9	15.75	52.5	65.1
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/31/80-05/28/92	37 ##	3.	3.054	5.	3.	0.108	0.329	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	01/08/73-07/17/91	55	8.	8.936	60.	0.	91.186	9.549	0.	3.	11.	18.
01091	ZINC, SUSPENDED (UG/L ZN)	07/03/74-09/21/82	15	10.	10.4	40.	0.	135.114	11.624	0.	0.	20.	28.
01092	ZINC, TOTAL (UG/L AS ZN)	05/29/73-09/21/82	29	10.	16.931	70.	0.	248.138	15.752	0.	8.	20.	40.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/01/82-05/28/92	31	20.	23.452	50.	5.	243.989	15.62	5.	10.	40.	50.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	12/11/68-05/28/92	38	6.	6.	11.	2.	9.73	3.119	2.	2.	9.	10.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/10/76-05/28/92	43 ##	0.5	1.116	20.	0.	10.843	3.293	0.	0.5	0.5	0.5
01146	SELENIUM, SUSPENDED (UG/L AS SE)	11/10/76-09/24/81	7	0.	0.	0.	0.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	11/19/74-09/21/82	17 ##	0.5	0.412	1.	0.	0.07	0.264	0.	0.25	0.5	0.6
01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	11/20/67-09/21/83	6	0.35	0.4	0.6	0.2	0.028	0.167	**	**	**	**
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	11/20/67-09/21/82	7	0.15	0.15	0.3	0.05	0.007	0.082	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	11/20/67-01/16/92	26	1.4	1.712	4.2	0.6	0.818	0.904	0.87	1.1	2.075	3.2
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	11/20/67-01/16/92	27 ##	0.3	0.306	0.7	0.2	0.02	0.14	0.2	0.2	0.3	0.6
09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	10/12/72-10/12/72	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
09511	RADIUM 226, DISSOLVED, RADON METHOD	11/20/67-01/16/92	25	0.05	0.046	0.09	0.02	0.	0.019	0.02	0.03	0.06	0.07
22703	URANIUM, NATURAL, DISSOLVED	09/26/69-01/16/92	12	0.48	0.645	1.3	0.13	0.148	0.385	0.18	0.325	1.053	1.24
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/12/68-09/30/80	76	7.	18.947	176.	0.	1174.697	34.274	0.5	2.	20.5	42.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/12/68-09/30/80	76	0.845	0.805	2.246	-0.301	0.437	0.661	-0.301	0.301	1.311	1.626
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.386								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/29/73-08/16/76	28	4.5	5.75	20.	0.5	25.917	5.091	0.5	1.25	8.75	14.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/29/73-08/16/76	28	0.651	0.527	1.301	-0.301	0.276	0.526	-0.301	0.075	0.941	1.146
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.365								
31625p	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/76-05/26/93	93	1.	3.559	51.	0.	47.423	6.886	0.5	0.5	4.	9.
31625p	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/76-05/26/93	93	0.	0.196	1.708	-0.301	0.252	0.502	-0.301	-0.301	0.602	0.954
31625p	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.569								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/04/76-11/18/92	89	3.	7.315	110.	0.5	212.434	14.575	0.5	1.	7.	18.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/04/76-11/18/92	89	0.477	0.455	2.041	-0.301	0.333	0.577	-0.301	0.	0.845	1.255
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2.852								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	01/16/74-01/10/77	17	2.	6.618	24.	0.5	61.923	7.869	0.5	0.5	13.5	20.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	01/16/74-01/10/77	17	0.301	0.436	1.38	-0.301	0.414	0.644	-0.301	-0.301	1.128	1.317
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.728								
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	08/15/74-10/05/74	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	08/15/74-10/05/74	2	0.8	0.8	1.2	0.4	0.32	0.566	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/10/80-06/10/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	09/20/79-09/21/82	3	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	05/17/90-11/18/92	8	6.5	7.5	14.	5.	10.571	3.251	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/15/88-11/18/92	16	7.5	9.375	23.	3.	30.65	5.536	3.7	5.25	14.	18.8
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	10/04/76-09/21/82	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	09/21/82-09/21/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/71-09/21/82	7	0.	0.05	0.2	0.	0.006	0.076	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/16/71-09/21/82	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	06/16/71-09/21/82	7	0.	0.05	0.2	0.	0.006	0.076	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	06/16/71-09/21/82	8	0.	0.006	0.05	0.	0.	0.018	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	06/16/71-09/21/82	7	0.	0.286	1.	0.	0.155	0.393	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/71-09/21/82	7	0.	0.05	0.2	0.	0.006	0.076	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/71-09/21/82	7	0.	0.05	0.2	0.	0.006	0.076	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/71-09/21/82	7	0.	0.05	0.2	0.	0.006	0.076	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/16/71-09/21/82	7	0.	0.05	0.2	0.	0.006	0.076	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/01/78-09/21/82	4	0.	0.001	0.005	0.	0.	0.003	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/21/82-09/21/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/71-09/21/82	7	0.	0.05	0.2	0.	0.006	0.076	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	10/04/76-09/21/82	5	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/04/76-10/04/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/04/76-09/21/82	5	0.	0.1	0.5	0.	0.05	0.224	**	**	**	**

** - Less than 9 observations ## - 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: YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/04/76-09/21/82	4	0.	1.25	5.	0.	6.25	2.5	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/16/71-09/21/82	7	0.	0.05	0.2	0.	0.006	0.076	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/16/71-09/21/82	7	0.	0.05	0.2	0.	0.006	0.076	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	09/20/79-09/21/82	3	0.	0.002	0.005	0.	0.	0.003	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	09/20/79-09/21/82	3	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/04/73-09/21/82	6	0.	0.008	0.05	0.	0.	0.02	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/04/73-09/21/82	5	0.	0.1	0.5	0.	0.05	0.224	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/71-10/04/76	3	0.1	0.1	0.2	0.	0.01	0.1	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/71-10/04/76	3	0.1	0.1	0.2	0.	0.01	0.1	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/16/71-10/04/76	2 ##	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	06/16/71-10/04/76	3	0.1	0.1	0.2	0.	0.01	0.1	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/04/76-10/04/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	8	0.	0.002	0.01	0.	0.	0.004	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/04/76-10/04/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	06/01/78-09/21/82	4	0.	0.001	0.005	0.	0.	0.003	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	09/21/82-09/21/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	06/16/71-09/21/82	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/04/76-10/04/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/04/76-09/21/82	5	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/04/76-10/04/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	10/04/76-09/21/82	5	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	10/04/76-10/04/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	160	20.	20.678	51.	0.	89.161	9.443	8.	14.	27.	34.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	125	20.	19.808	37.	0.	52.624	7.254	10.	13.5	25.	30.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	158	5.965	14.64	169.	0.03	640.925	25.316	0.763	1.62	12.65	40.05
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	157	0.03	0.029	0.07	0.01	0.	0.012	0.01	0.02	0.04	0.05
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/26/70-01/16/92	43	51.	53.535	94.	0.	456.969	21.377	27.	44.	66.	87.2
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	05/26/70-05/17/90	3	35.	46.333	76.	28.	672.333	25.929	**	**	**	**
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	05/26/70-05/17/90	3	48.	62.333	100.	39.	1084.333	32.929	**	**	**	**
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	05/26/70-05/16/89	2	87.5	87.5	100.	75.	312.5	17.678	**	**	**	**
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	05/26/70-05/26/70	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	12/29/81-09/21/82	9	43.	36.667	63.	8.	427.5	20.676	8.	14.	55.5	63.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/23/74-05/28/92	11 ##	0.005	0.021	0.1	0.005	0.001	0.028	0.005	0.005	0.03	0.086
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	10/31/80-01/15/81	4	0.04	0.038	0.05	0.02	0.	0.013	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	12/18/68-01/31/86	64	0.05	0.062	0.28	0.	0.004	0.06	0.	0.01	0.08	0.14
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/18/68-10/09/79	51	0.1	0.161	1.9	0.	0.082	0.287	0.	0.	0.2	0.3
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/02/73-09/03/74	7	0.	0.009	0.03	0.	0.	0.015	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/03/91-08/03/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/30/78-11/18/85	43	0.06	0.169	3.	0.	0.212	0.461	0.012	0.03	0.12	0.286
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/22/73-11/09/81	27	1.6	1.833	6.7	0.1	2.737	1.654	0.36	0.7	2.2	4.08
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/18/71-07/17/91	64 ##	0.2	0.477	6.7	0.	1.197	1.094	0.05	0.05	0.25	1.6
71895	MERCURY, SUSPENDED (UG/L AS HG)	07/03/74-09/21/82	14	0.	0.271	3.2	0.	0.715	0.845	0.	0.	0.1	1.7
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/71-09/21/82	49 ##	0.25	0.491	4.3	0.	0.778	0.882	0.05	0.2	0.25	1.
75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	01/10/89-01/16/92	8	0.6	0.538	0.8	0.2	0.046	0.213	**	**	**	**
75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	01/10/89-01/16/92	8	0.8	0.663	1.1	0.3	0.1	0.316	**	**	**	**
75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	01/10/89-01/16/92	8	0.5	0.525	0.6	0.4	0.005	0.071	**	**	**	**
75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	01/10/89-01/16/92	8	0.5	0.55	0.7	0.5	0.006	0.076	**	**	**	**
75990	URANIUM,NATURAL,1 SIGMA PRC EST,DISS,WATER UG/L	01/09/90-01/16/92	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	01/09/90-01/16/92	5	0.02	0.018	0.02	0.01	0.	0.004	**	**	**	**
76004	ALPHA GROSS,SUSP,1 SIGMA PRC EST AS TH230,WTR PC/L	01/10/89-01/16/92	8	0.3	0.288	0.4	0.2	0.007	0.083	**	**	**	**
76005	BETA GROSS,SUSP,1 SIGMA PRC EST AS SR90/Y90 PC/L	01/10/89-01/16/92	8	0.5	0.5	0.6	0.3	0.009	0.093	**	**	**	**
80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	11/20/67-07/17/87	14	0.475	0.487	1.3	0.16	0.083	0.289	0.195	0.268	0.553	1.05
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	11/20/67-01/16/92	26	0.9	0.846	1.7	0.2	0.191	0.437	0.27	0.45	1.2	1.39
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	11/20/67-01/16/92	27 ##	0.3	0.333	1.	0.2	0.04	0.2	0.2	0.2	0.4	0.64
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	11/20/67-01/16/92	26	1.3	1.508	3.3	0.5	0.536	0.732	0.67	1.	1.85	2.74
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	11/20/67-01/16/92	27 ##	0.3	0.294	0.7	0.2	0.018	0.133	0.2	0.2	0.3	0.52

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

Parameter Inventory for Station: YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	155	2.	2.442	49.	0.	18.571	4.309	1.	1.	3.	4.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	11/05/69-09/21/82	81	0.42	4.956	144.	0.	313.072	17.694	0.04	0.1	2.	12.06
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	09/21/82-09/21/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/17/90-05/26/93	37	2.3	2.527	6.2	0.	2.604	1.614	0.78	1.3	3.5	5.58

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

EPA Water Quality Criteria Analysis for Station: YOSE0047

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	9	0	0.00				3	0	0.00	2	0	0.00	4	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	41	0	0.00	2	0	0.00	20	0	0.00	9	0	0.00	10	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	281	0	0.00	28	0	0.00	109	0	0.00	65	0	0.00	79	0	0.00
00400	PH	Other-Hi Lim.	9.	302	0	0.00	31	0	0.00	116	0	0.00	72	0	0.00	83	0	0.00
		Other-Lo Lim.	6.5	302	67	0.22	31	9	0.29	116	28	0.24	72	13	0.18	83	17	0.20
00403	PH, LAB	Other-Hi Lim.	9.	62	0	0.00	4	0	0.00	29	0	0.00	15	0	0.00	14	0	0.00
		Other-Lo Lim.	6.5	62	4	0.06	4	1	0.25	29	0	0.00	15	1	0.07	14	2	0.14
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	34	0	0.00	6	0	0.00	14	0	0.00	8	0	0.00	6	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	34	0	0.00	3	0	0.00	14	0	0.00	8	0	0.00	9	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	39	0	0.00	11	0	0.00	15	0	0.00	6	0	0.00	7	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	27	0	0.00	3	0	0.00	10	0	0.00	6	0	0.00	8	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	97	0	0.00	10	0	0.00	40	0	0.00	21	0	0.00	26	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	114	0	0.00	14	0	0.00	44	0	0.00	27	0	0.00	29	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	15	2	0.13	5	0	0.00	3	0	0.00	4	2	0.50	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	199	0	0.00	25	0	0.00	80	0	0.00	40	0	0.00	54	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	196	0	0.00	25	0	0.00	79	0	0.00	39	0	0.00	53	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	56	0	0.00	11	0	0.00	18	0	0.00	10	0	0.00	17	0	0.00
		Drinking Water	50.	56	0	0.00	11	0	0.00	18	0	0.00	10	0	0.00	17	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	14	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
		Drinking Water	50.	14	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	31	0	0.00	11	0	0.00	5	0	0.00	5	0	0.00	10	0	0.00
		Drinking Water	50.	31	0	0.00	11	0	0.00	5	0	0.00	5	0	0.00	10	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	38	0	0.00	3	0	0.00	17	0	0.00	9	0	0.00	9	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	4	0	0.00	1	0	0.00				1	0	0.00	2	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	13	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	34	0	0.00	3	0	0.00	15	0	0.00	8	0	0.00	8	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	54	0	0.00	10	0	0.00	18	0	0.00	10	0	0.00	16	0	0.00
		Drinking Water	5.	54	0	0.00	10	0	0.00	18	0	0.00	10	0	0.00	16	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1 &	0	0.00							1	0	0.00			
		Drinking Water	5.	4 &	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	12 &	0	0.00	6	0	0.00				4	0	0.00	2	0	0.00
		Drinking Water	5.	12 &	0	0.00	6	0	0.00				4	0	0.00	2	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	59	0	0.00	13	0	0.00	18	0	0.00	11	0	0.00	17	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	13	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00	6	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	32	0	0.00	11	0	0.00	5	0	0.00	6	0	0.00	10	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	44	0	0.00	6	0	0.00	17	0	0.00	10	0	0.00	11	0	0.00
		Drinking Water	1300.	44	0	0.00	6	0	0.00	17	0	0.00	10	0	0.00	11	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	4	0	0.00				2	0	0.00	1	0	0.00	1	0	0.00
		Drinking Water	1300.	4	0	0.00				2	0	0.00	1	0	0.00	1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	18	1	0.06	5	0	0.00	5	0	0.00	4	0	0.00	4	1	0.25
		Drinking Water	1300.	18	0	0.00	5	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	55	0	0.00	10	0	0.00	18	0	0.00	10	0	0.00	17	0	0.00
		Drinking Water	5.	51 &	5	0.10	8	0	0.00	18	2	0.11	9	2	0.22	16	1	0.06
01050	LEAD, SUSPENDED	Fresh Acute	82.	12	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00
		Drinking Water	5.	2 &	0	0.00							1	0	0.00	1	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.	7 &	3	0.43	3	0	0.00				2	2	1.00	2	1	0.50
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	32	0	0.00	2	0	0.00	17	0	0.00	7	0	0.00	6	0	0.00
		Drinking Water	100.	32	0	0.00	2	0	0.00	17	0	0.00	7	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

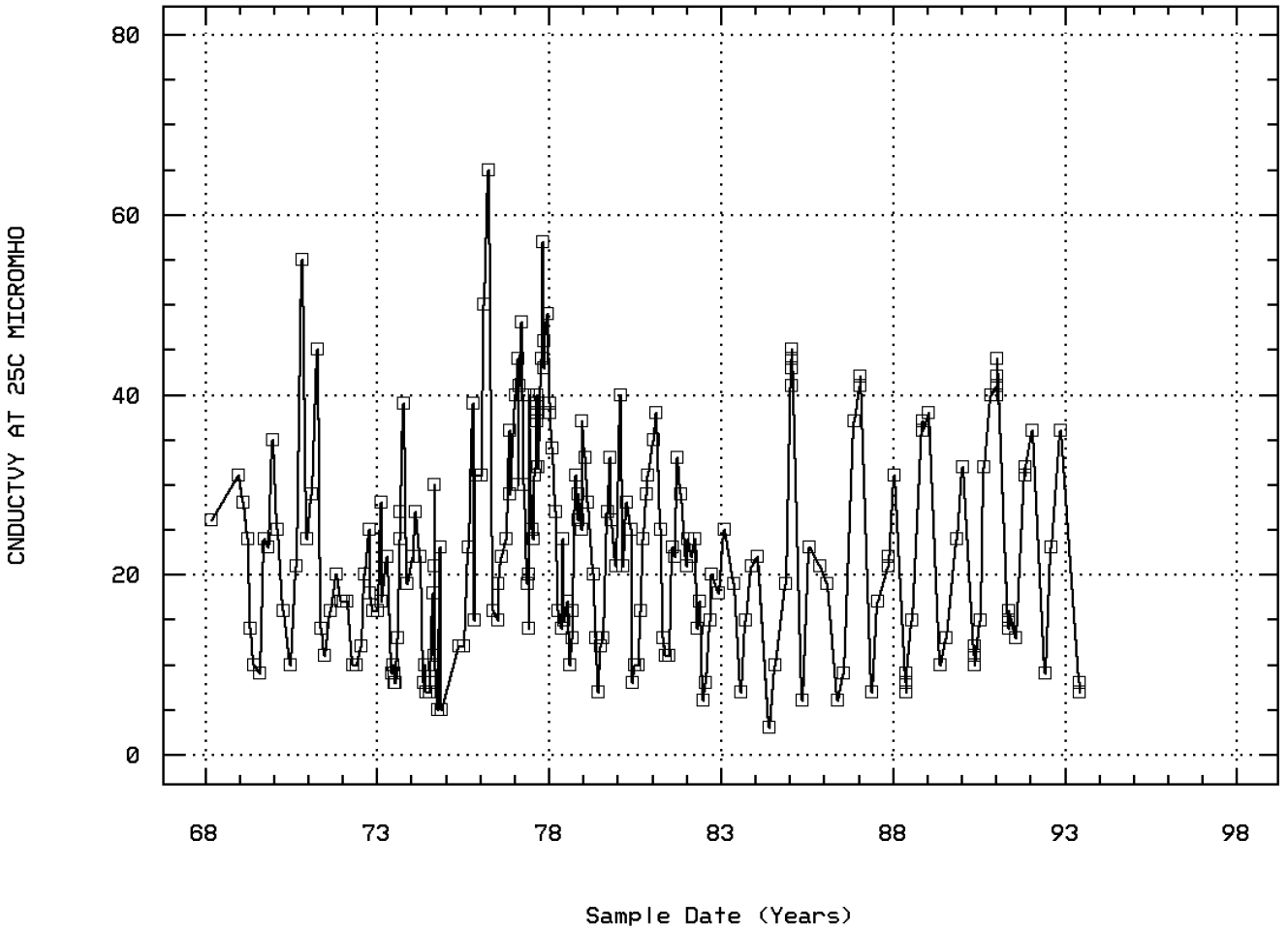
EPA Water Quality Criteria Analysis for Station: YOSE0047

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
01075	SILVER, DISSOLVED	Fresh Acute	4.1	39	0	0.00	3	0	0.00	17	0	0.00	10	0	0.00	9	0	0.00
		Drinking Water	50.	39	0	0.00	3	0	0.00	17	0	0.00	10	0	0.00	9	0	0.00
01076	SILVER, SUSPENDED	Fresh Acute	4.1	5 &	0	0.00	2	0	0.00				1	0	0.00	2	0	0.00
		Drinking Water	50.	7	0	0.00	2	0	0.00				2	0	0.00	3	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	11 &	0	0.00	4	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00
		Drinking Water	50.	16	0	0.00	5	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	55	0	0.00	11	0	0.00	18	0	0.00	11	0	0.00	15	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	15	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00	6	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	29	0	0.00	9	0	0.00	5	0	0.00	6	0	0.00	9	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	43	1	0.02	4	0	0.00	19	0	0.00	10	0	0.00	10	1	0.10
		Drinking Water	50.	43	0	0.00	4	0	0.00	19	0	0.00	10	0	0.00	10	0	0.00
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	50.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	17	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00	4	0	0.00
		Drinking Water	50.	17	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00	4	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	12	0	0.00	2	0	0.00	5	0	0.00				5	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	76	0	0.00	8	0	0.00	31	0	0.00	13	0	0.00	24	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	28	0	0.00	12	0	0.00	4	0	0.00	4	0	0.00	8	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	93	0	0.00	7	0	0.00	44	0	0.00	20	0	0.00	22	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
		Drinking Water	0.2	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
		Drinking Water	2.	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	4	0	0.00	2	0	0.00							2	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
		Drinking Water	0.2	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	5	0	0.00	3	0	0.00							2	0	0.00
		Drinking Water	3.	5	0	0.00	3	0	0.00							2	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
		Drinking Water	0.4	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
		Drinking Water	0.2	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	3	0	0.00	2	0	0.00							1	0	0.00
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	51	0	0.00	12	0	0.00	20	0	0.00	9	0	0.00	10	0	0.00
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	7	0	0.00	6	0	0.00				1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	64	3	0.05	12	0	0.00	21	2	0.10	12	1	0.08	19	0	0.00
		Drinking Water	2.	64	4	0.06	12	0	0.00	21	3	0.14	12	1	0.08	19	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	14	1	0.07	5	0	0.00	2	1	0.50	1	0	0.00	6	0	0.00
		Drinking Water	2.	14	1	0.07	5	0	0.00	2	1	0.50	1	0	0.00	6	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	49	3	0.06	17	0	0.00	9	2	0.22	8	1	0.13	15	0	0.00
		Drinking Water	2.	49	4	0.08	17	0	0.00	9	3	0.33	8	1	0.13	15	0	0.00
80020	URANIUM, DISS. BY EXTRACTION FLUOROMETRI	Drinking Water	20.	14	0	0.00	4	0	0.00	5	0	0.00	1	0	0.00	4	0	0.00

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

Station: YOSE0047 Parameter Code: 00095

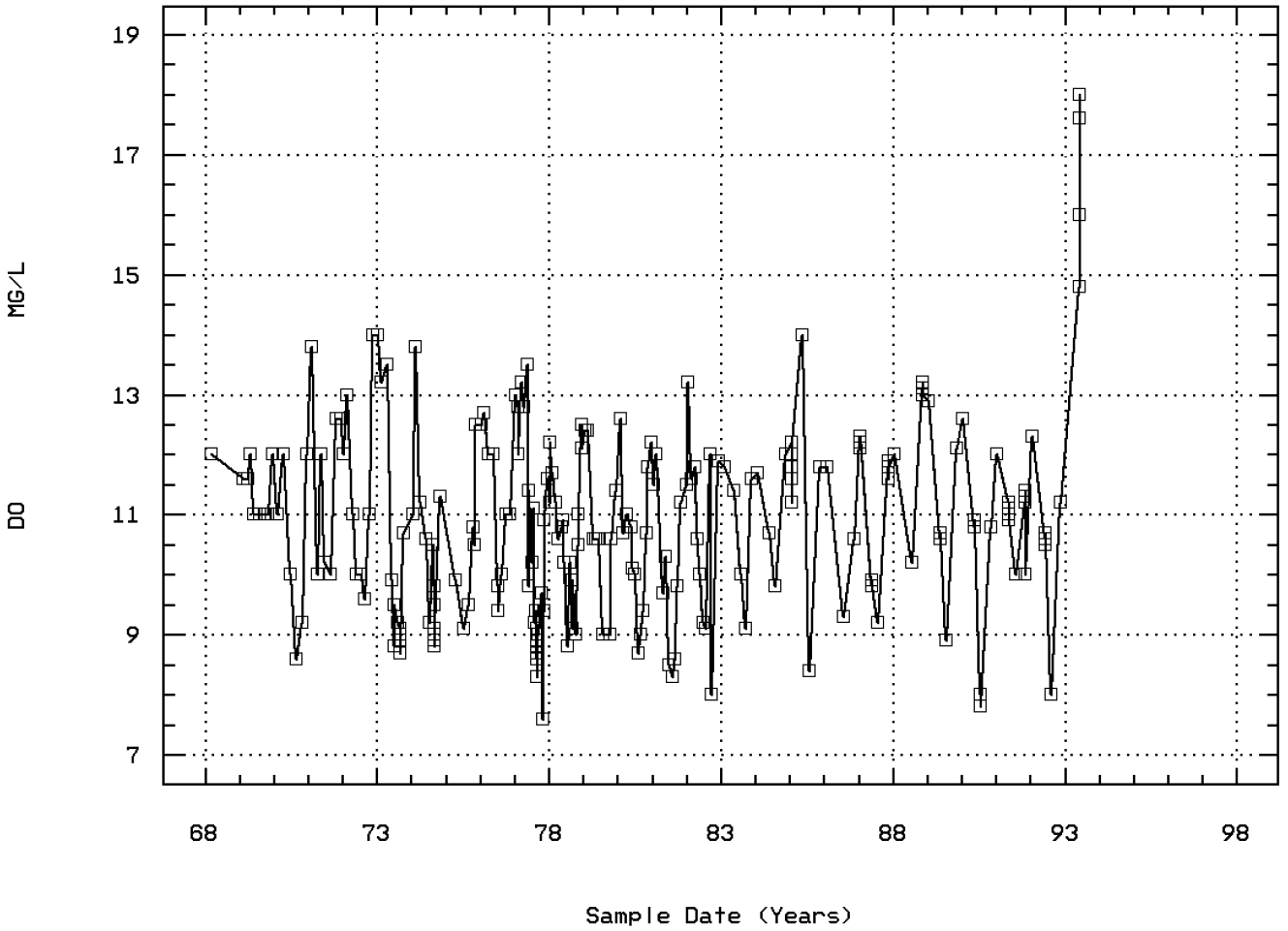
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



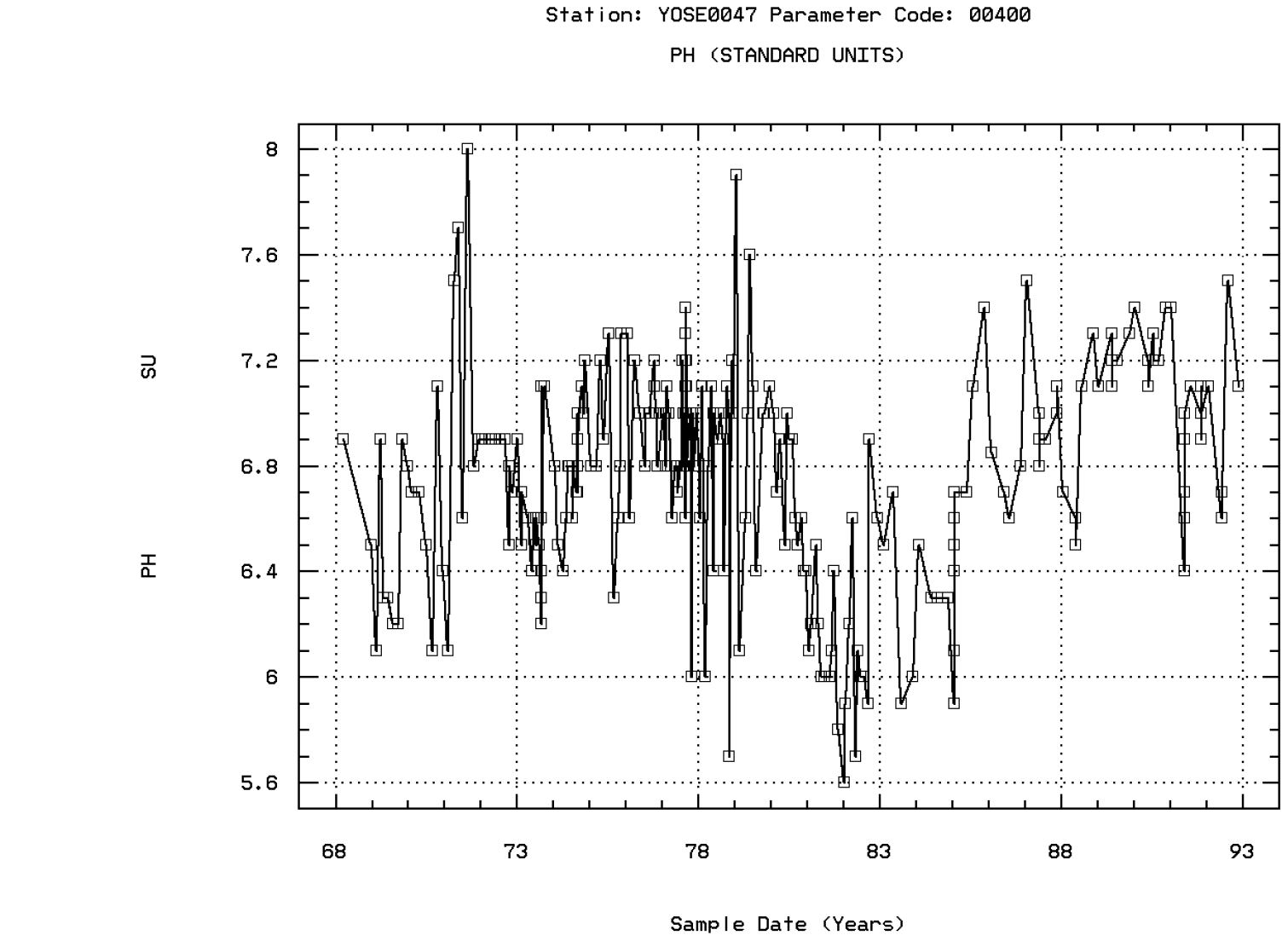
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00300

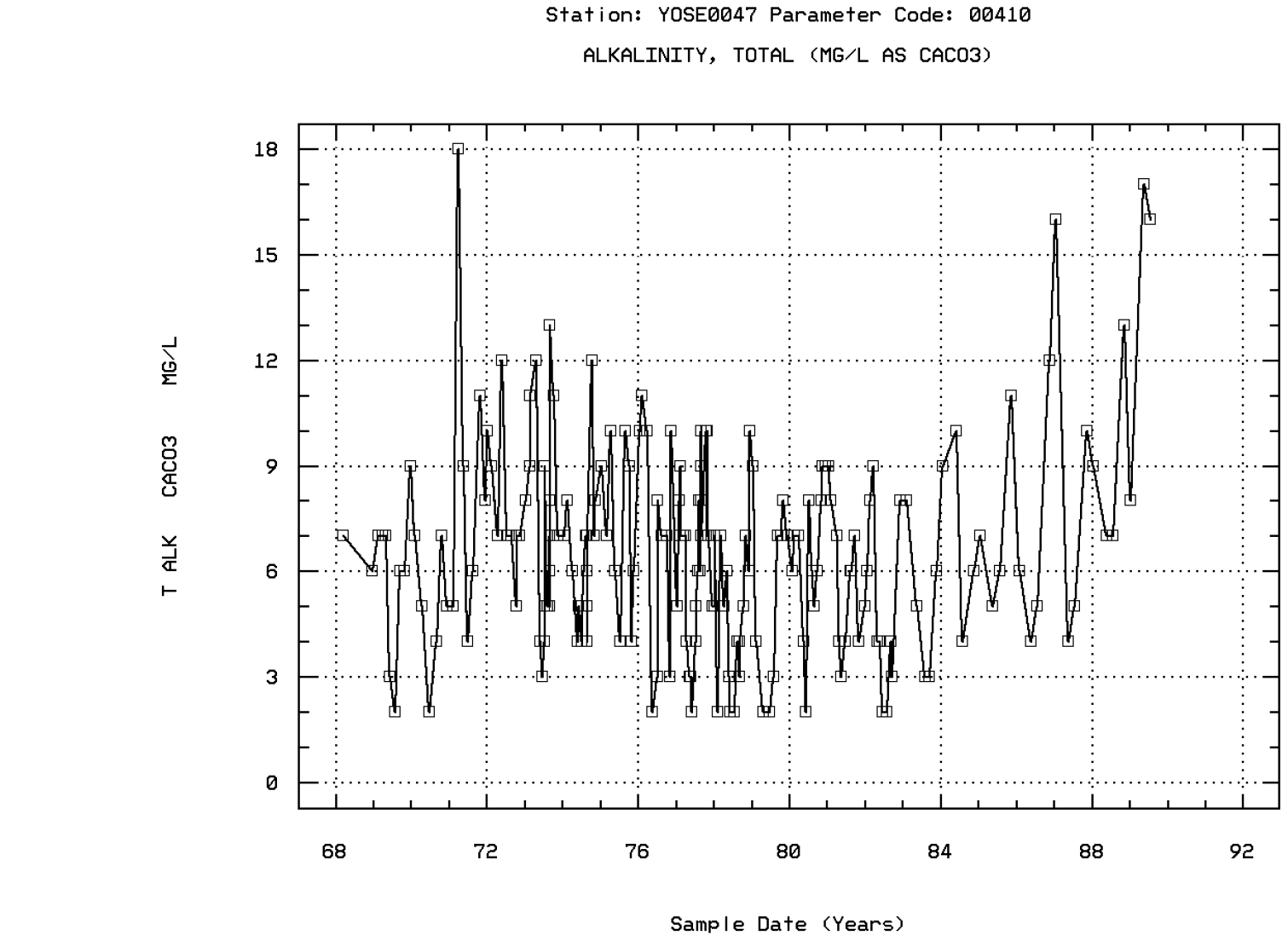
OXYGEN, DISSOLVED



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI



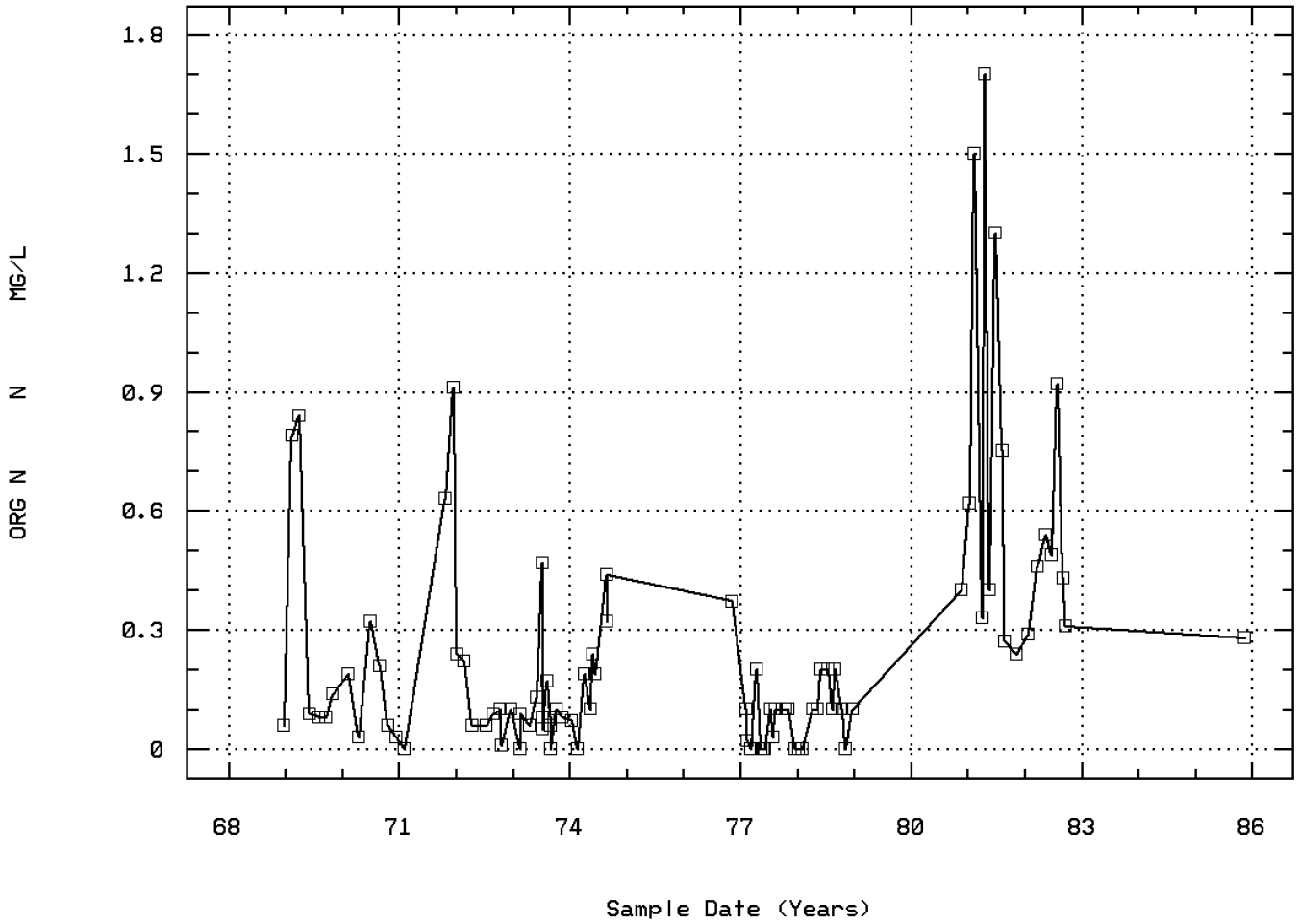
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00605

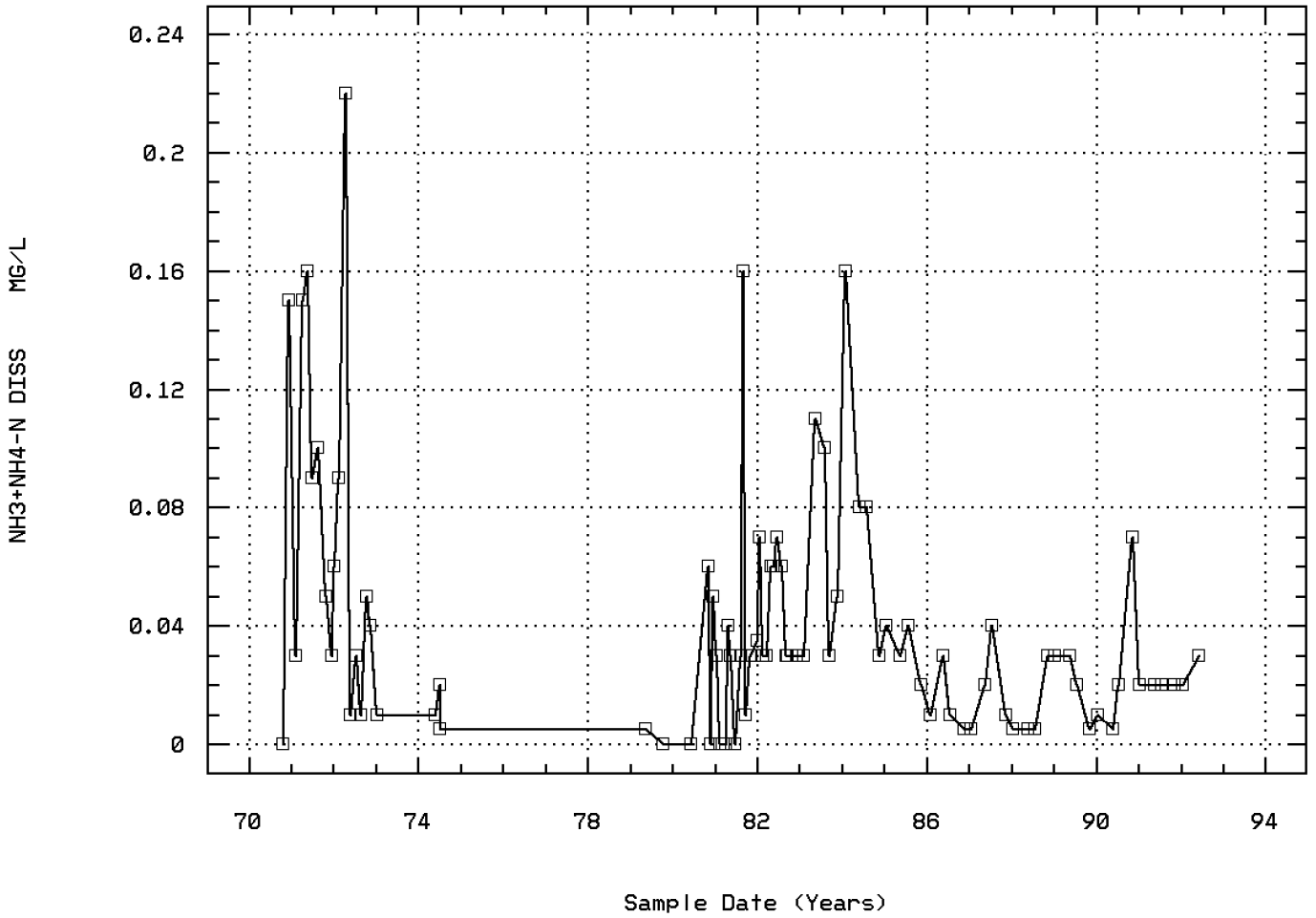
NITROGEN, ORGANIC, TOTAL (MG/L AS N)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00608

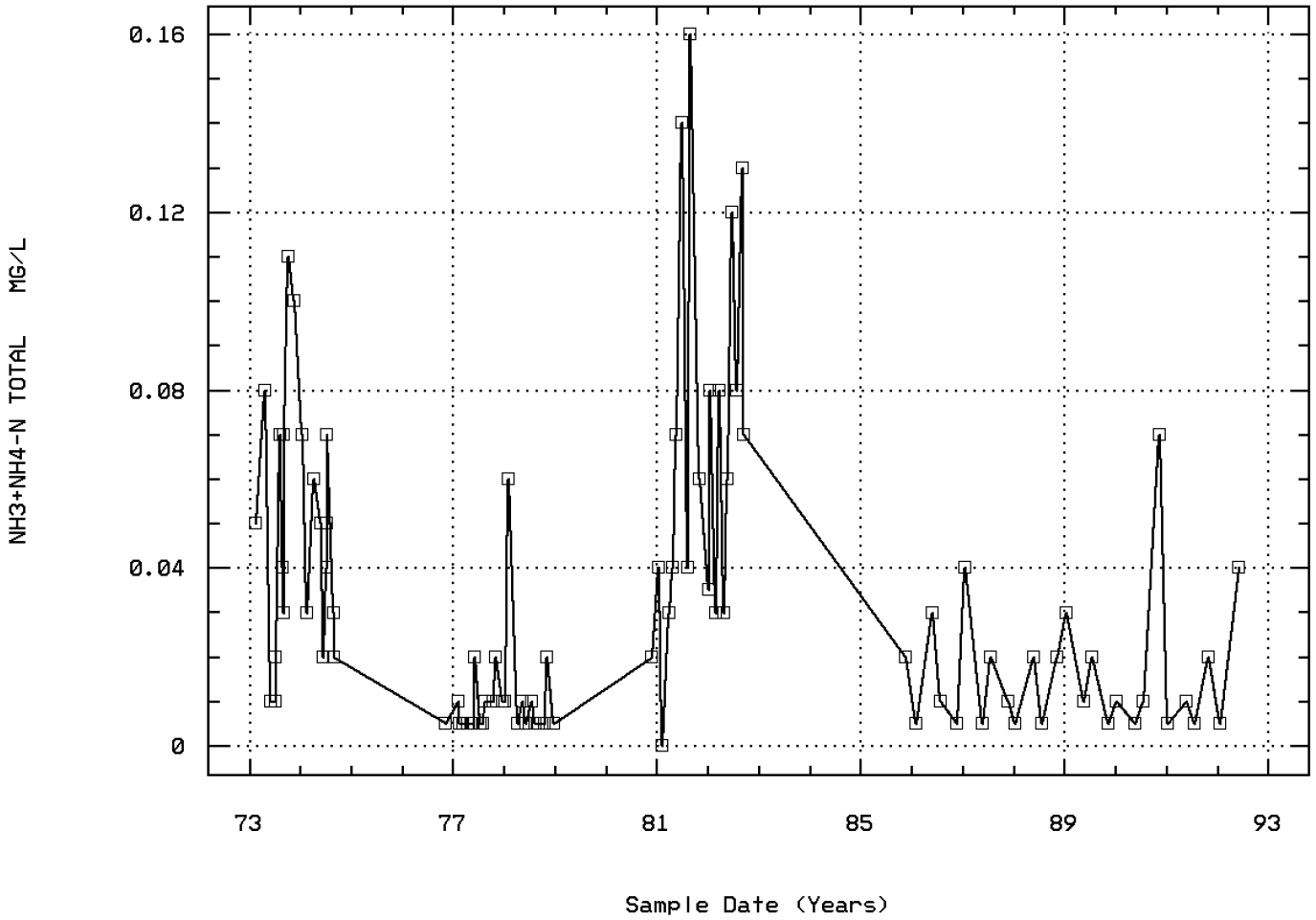
NITROGEN, AMMONIA, DISSOLVED (MG/L AS N



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00610

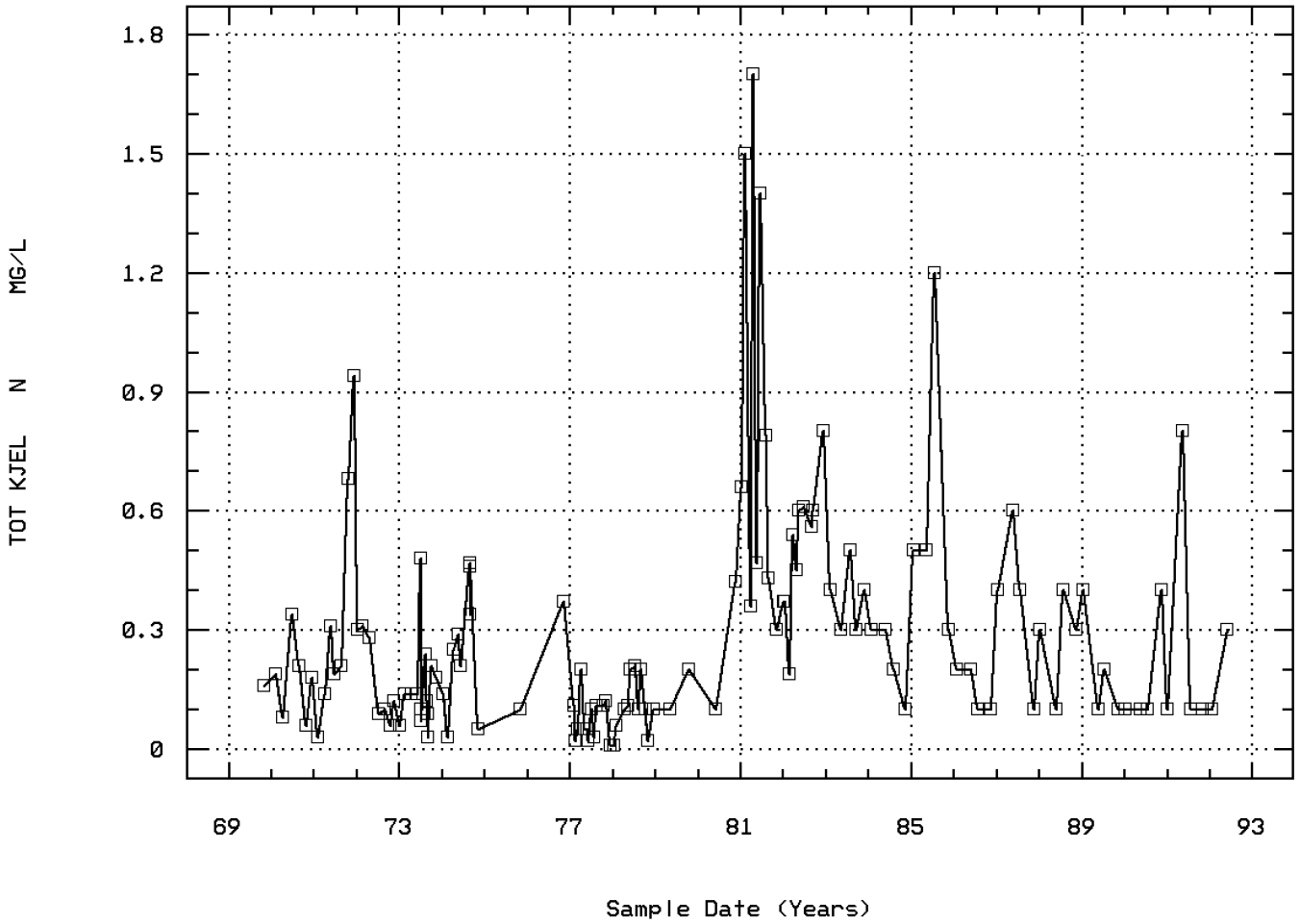
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



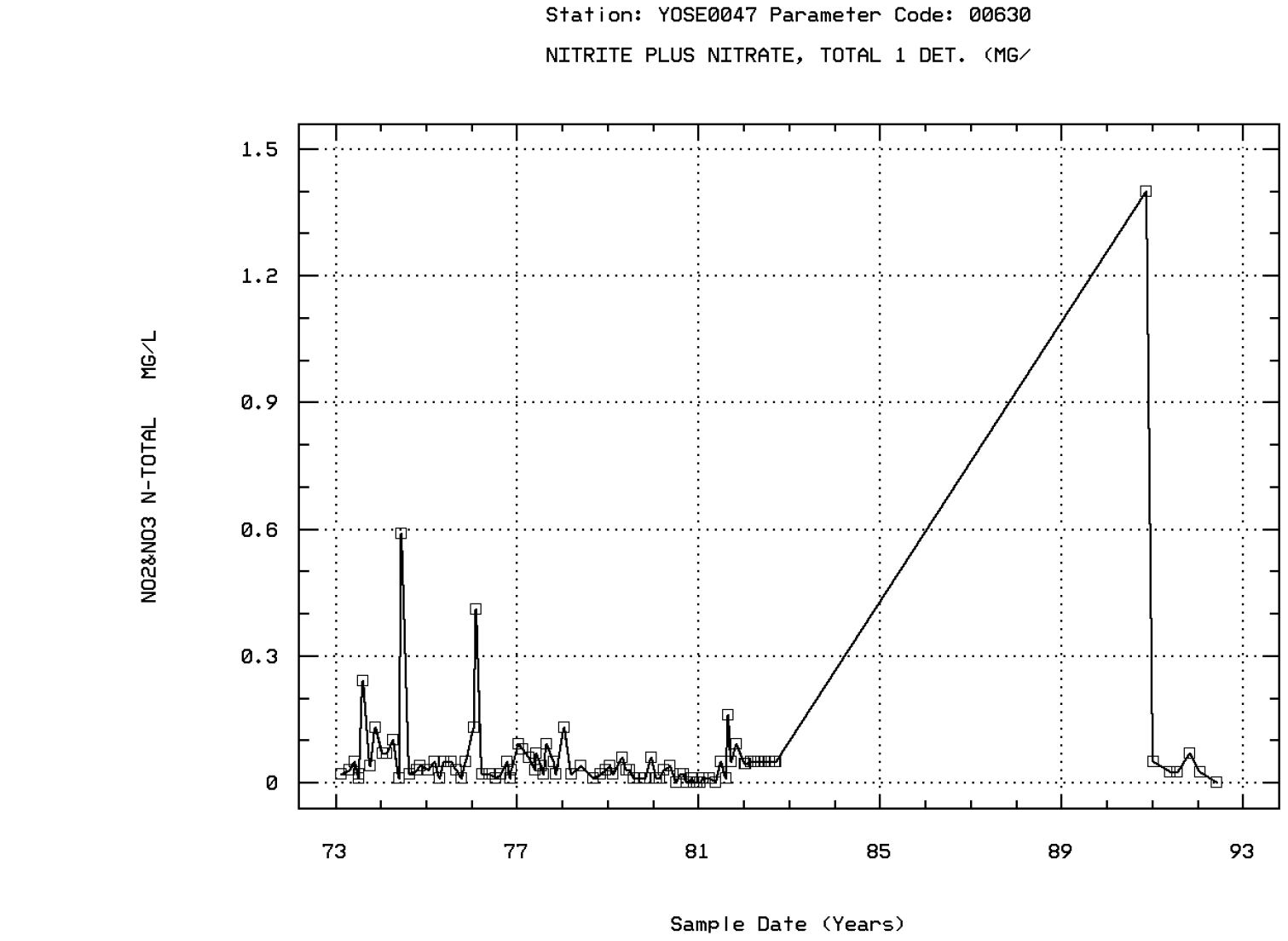
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00625

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



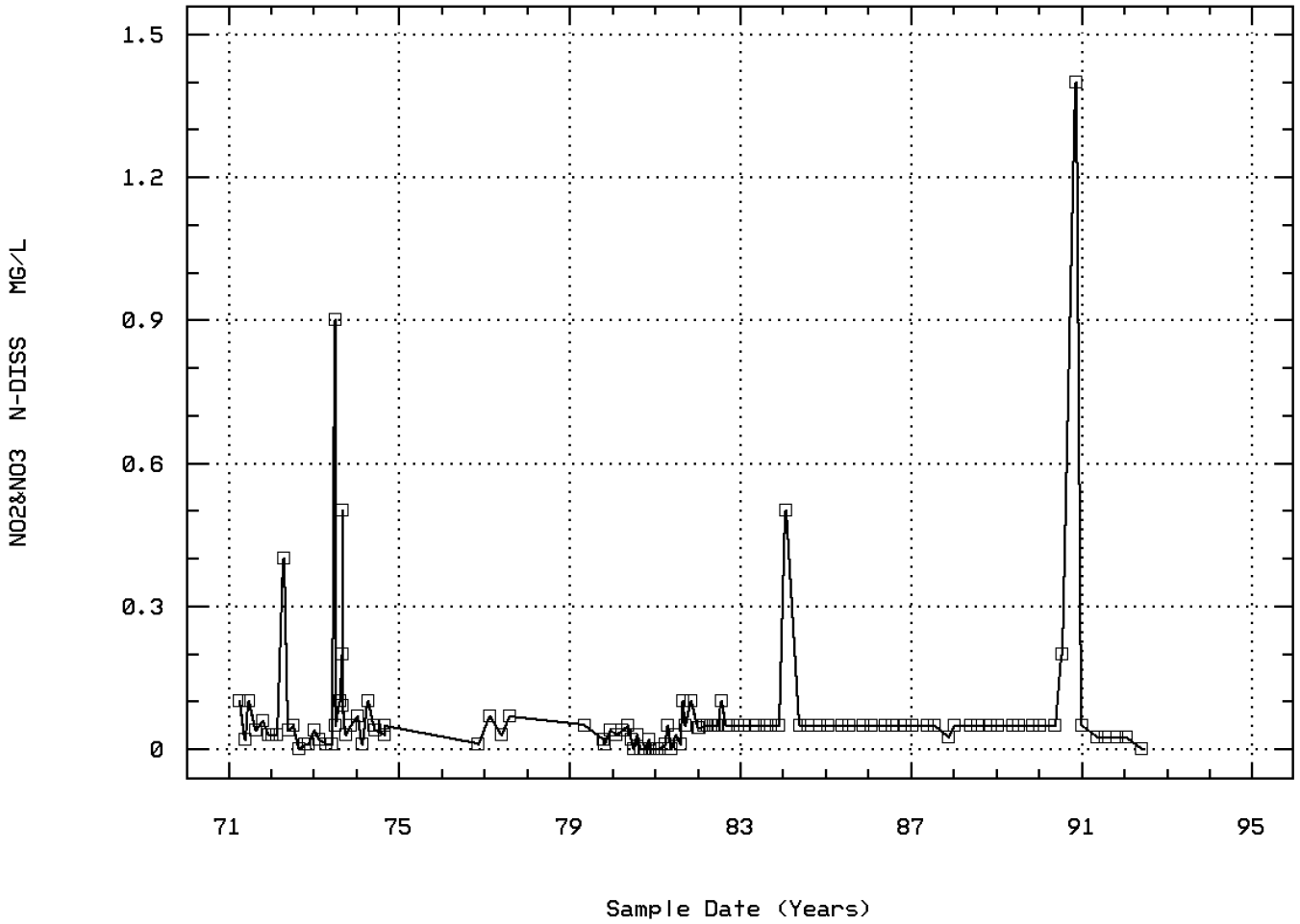
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00631

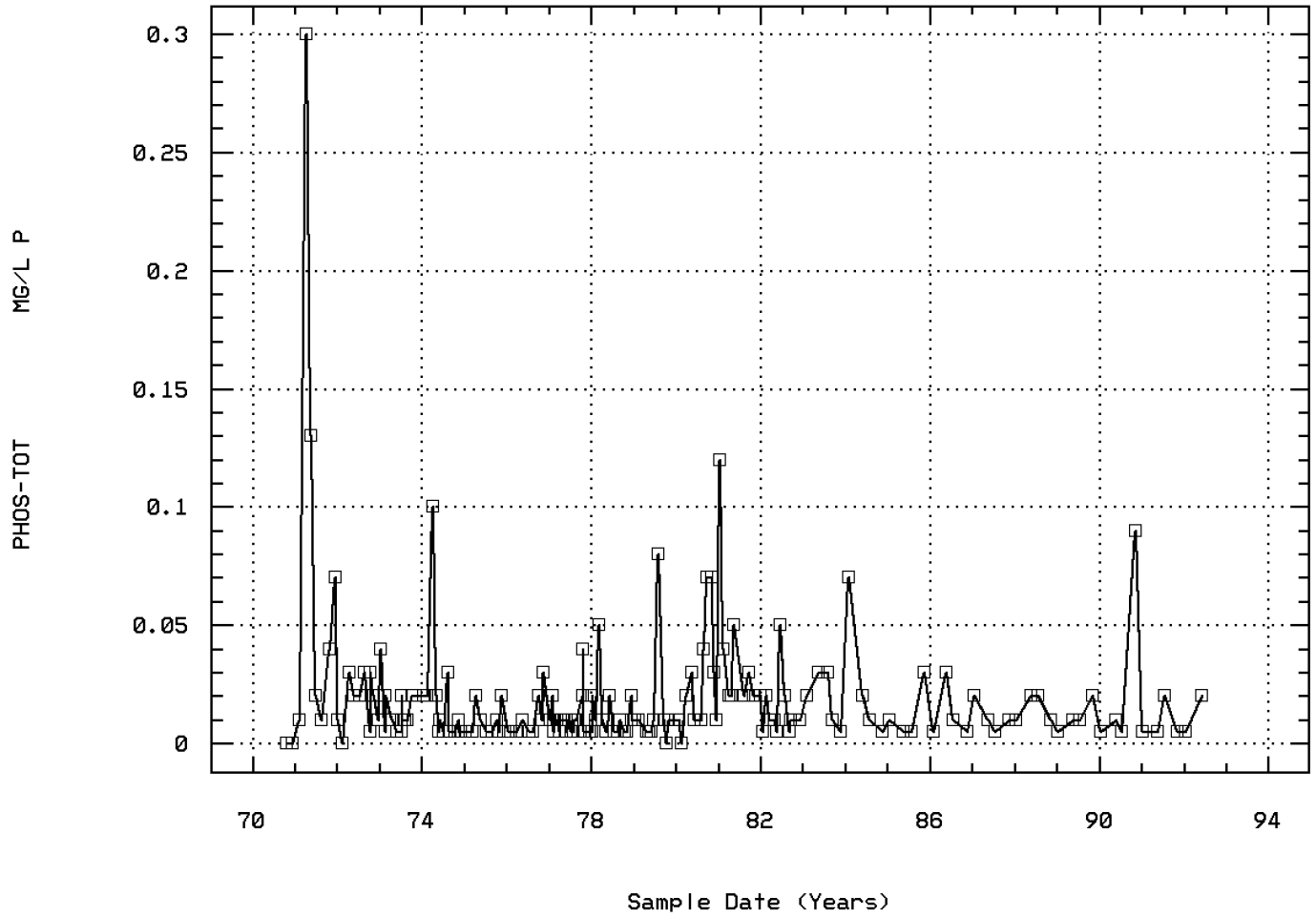
NITRITE PLUS NITRATE, DISS. 1 DET. (MG/



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00665

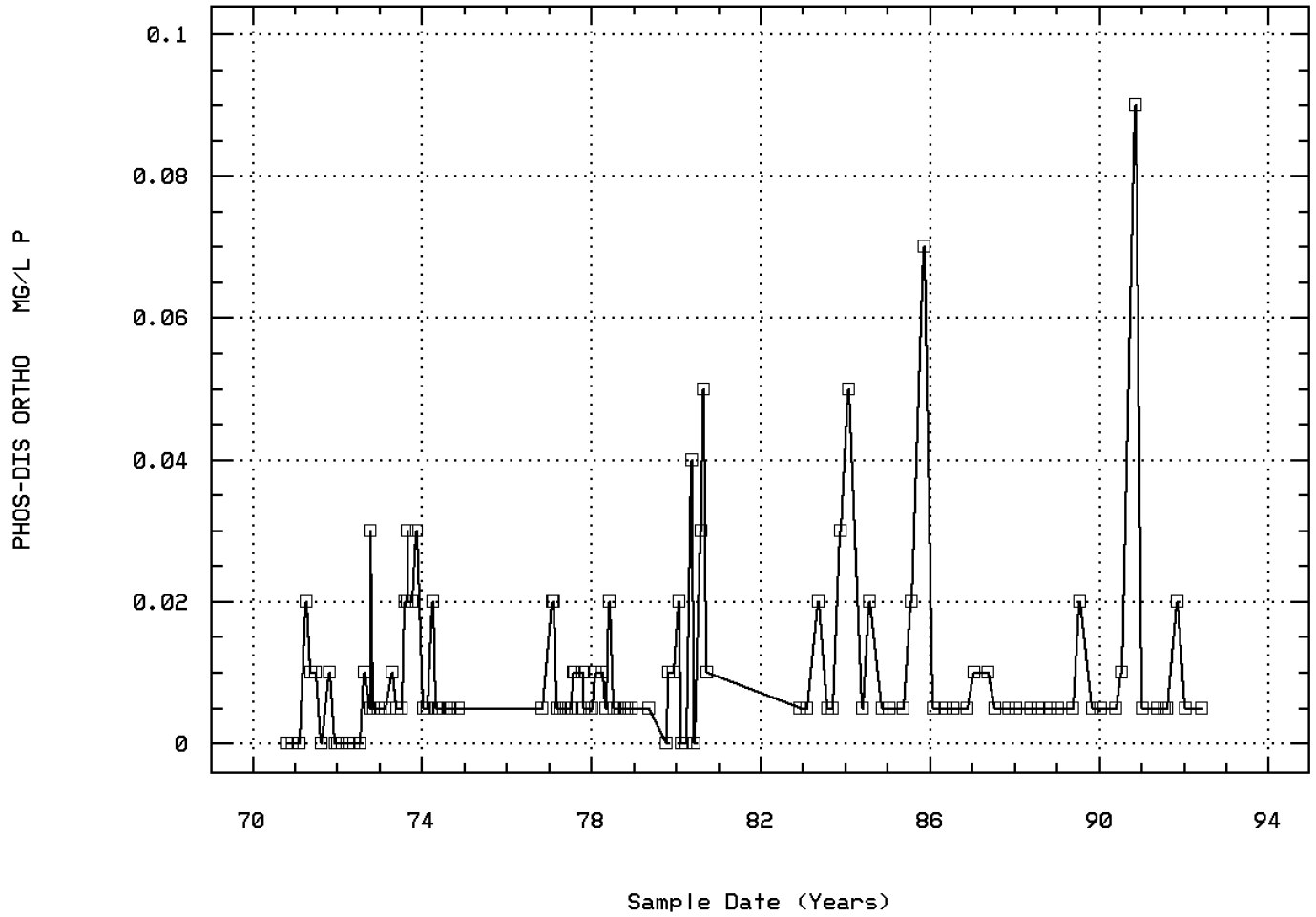
PHOSPHORUS, TOTAL (MG/L AS P)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00671

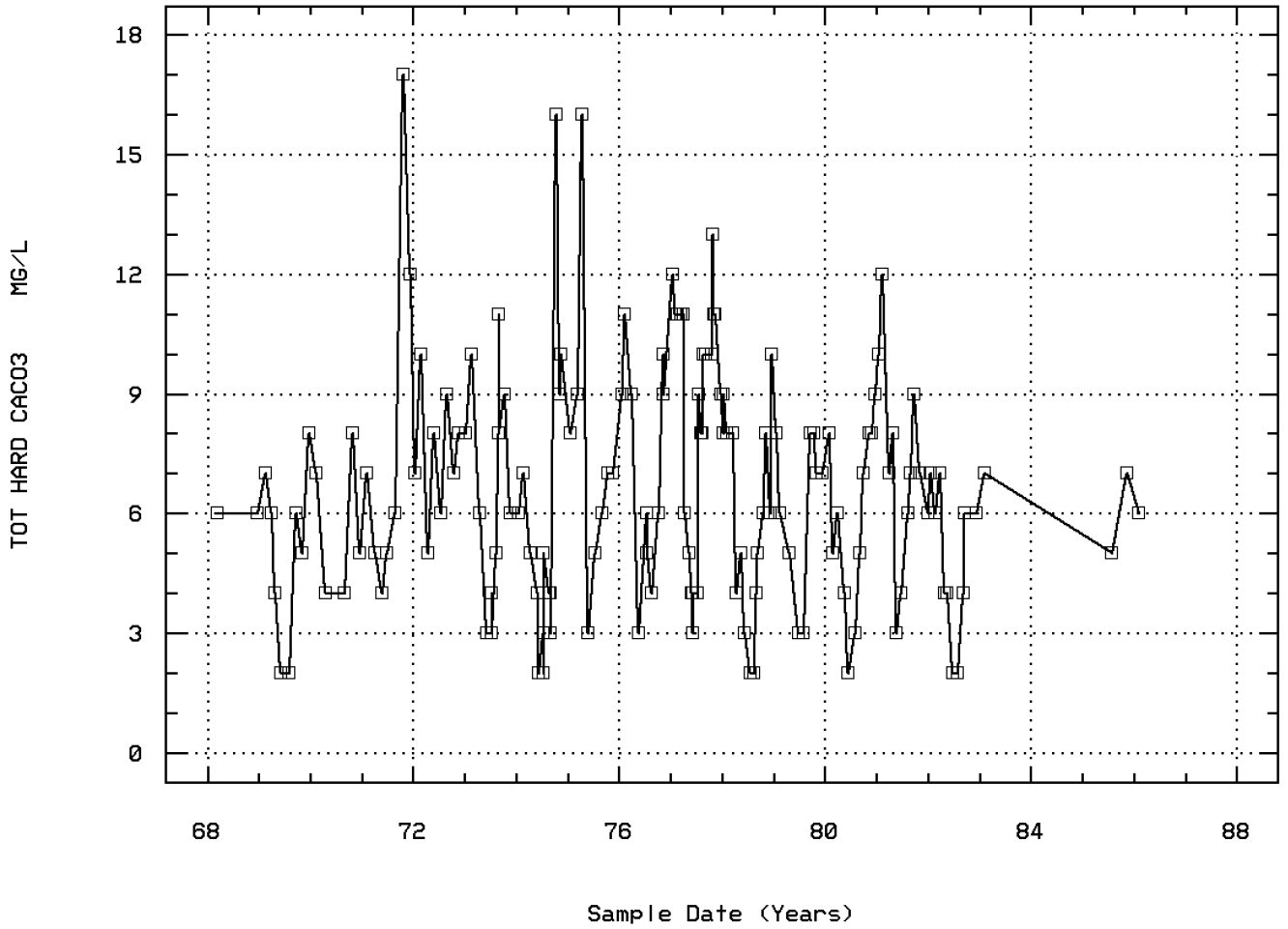
PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (M



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00900

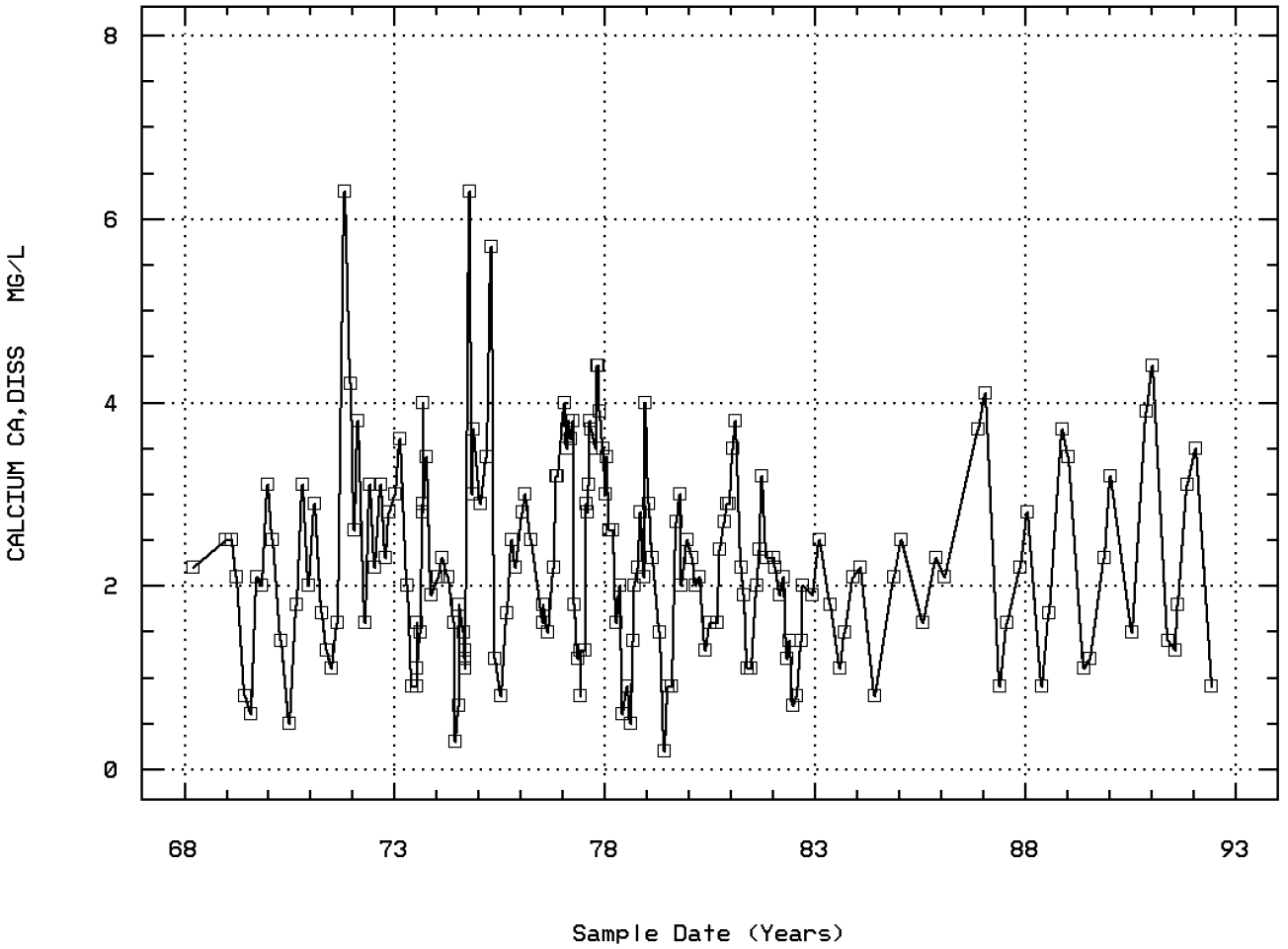
HARDNESS, TOTAL (MG/L AS CACO3)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00915

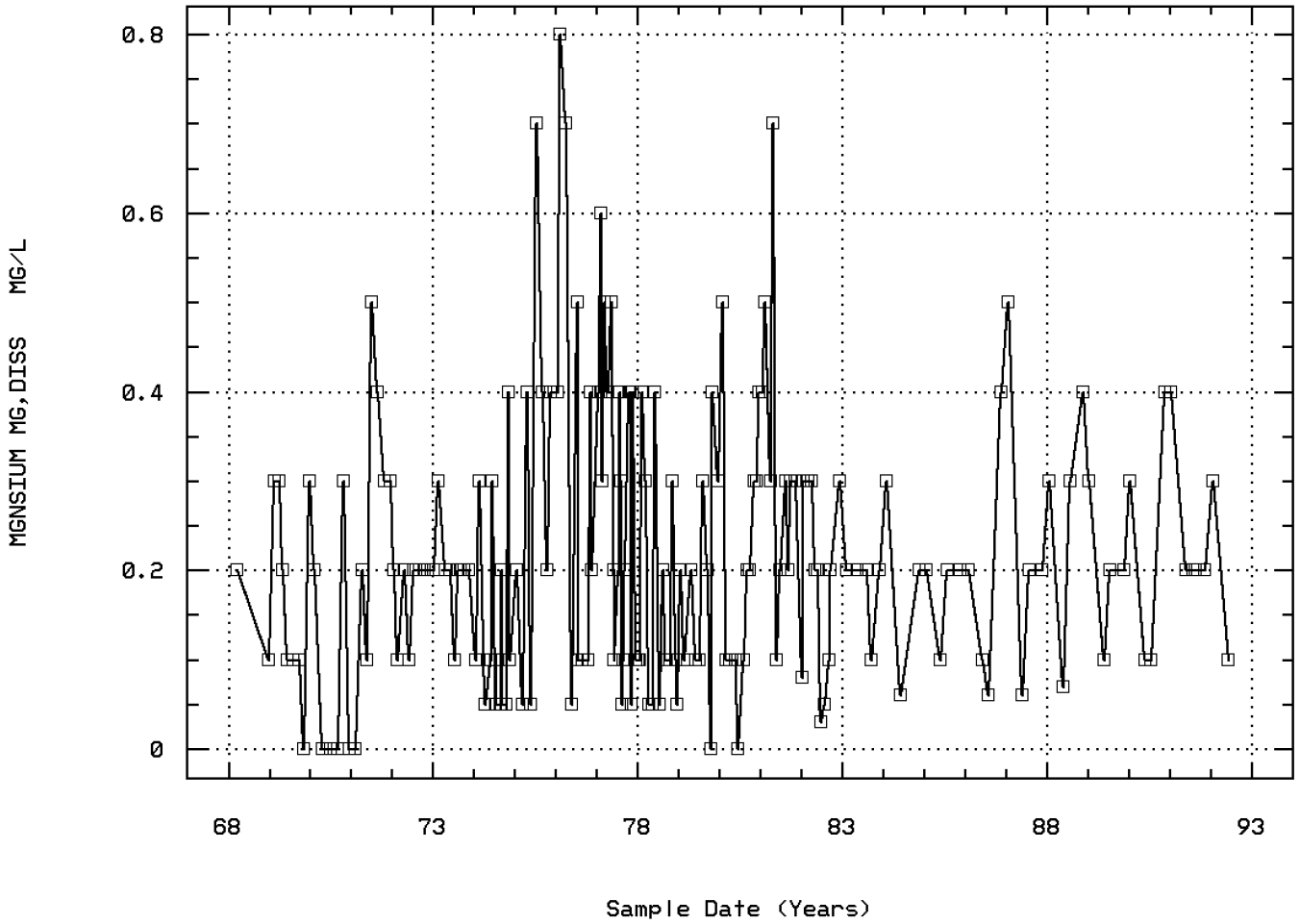
CALCIUM, DISSOLVED (MG/L AS CA)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00925

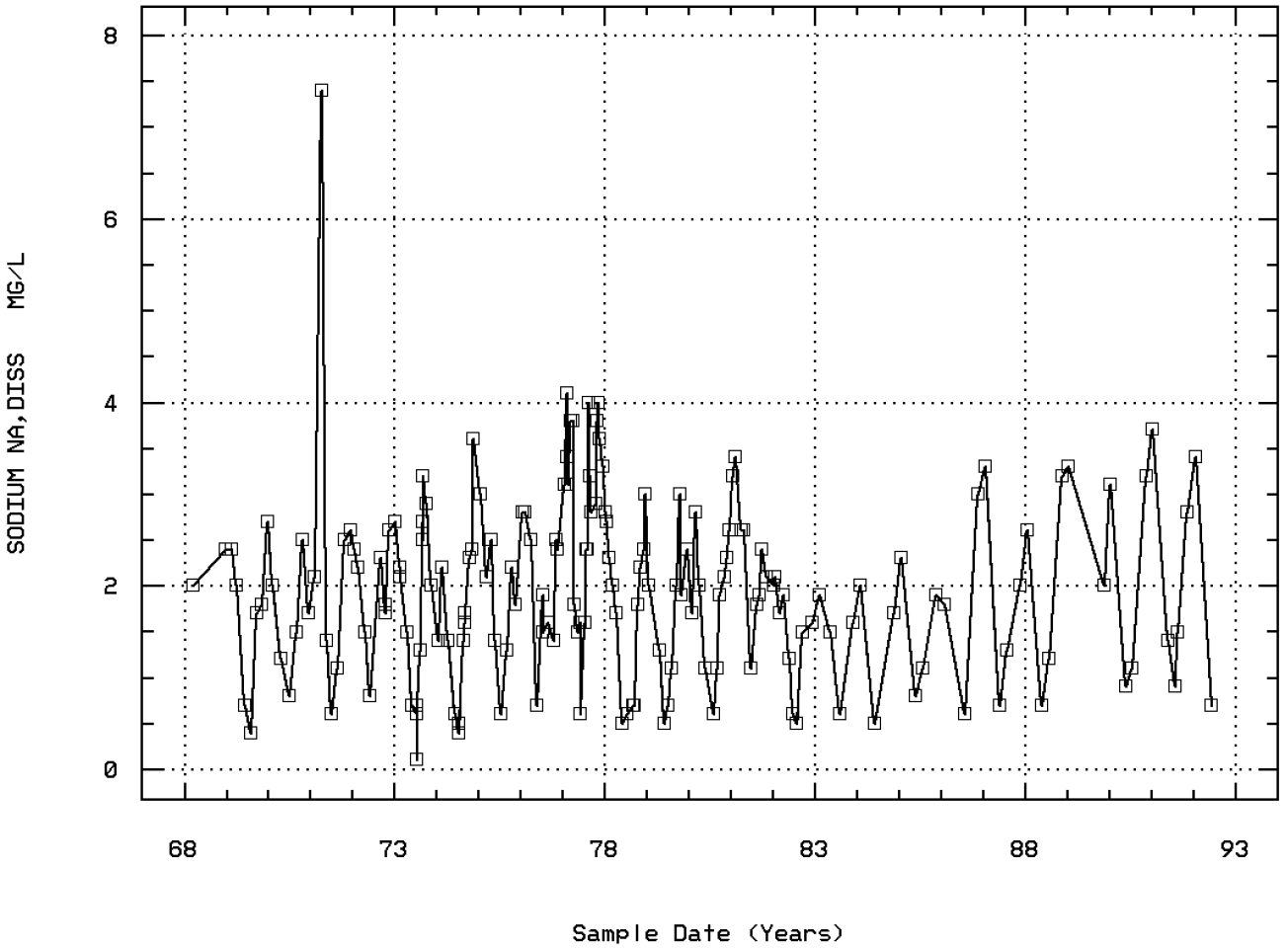
MAGNESIUM, DISSOLVED (MG/L AS MG)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00930

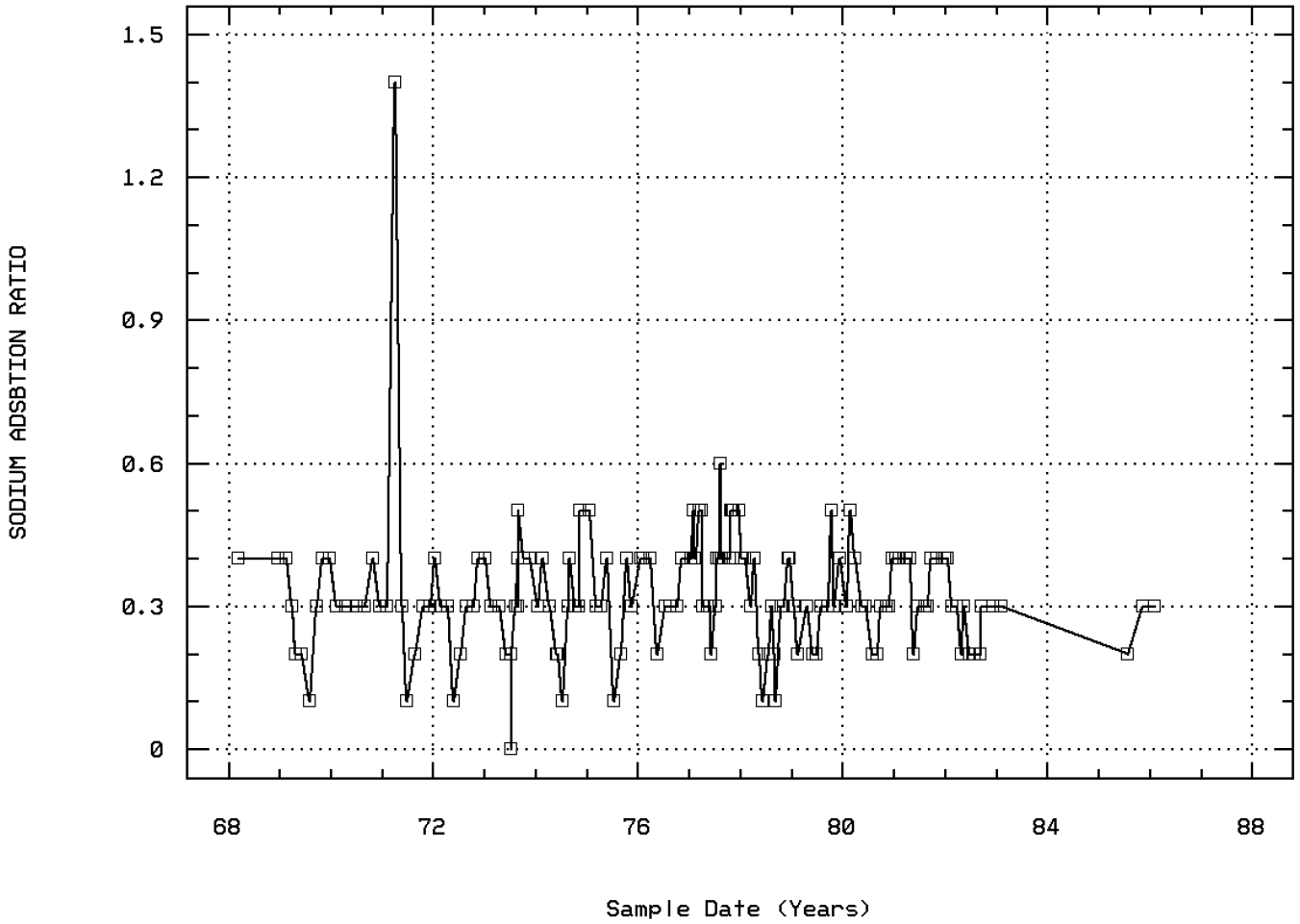
SODIUM, DISSOLVED (MG/L AS NA)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00931

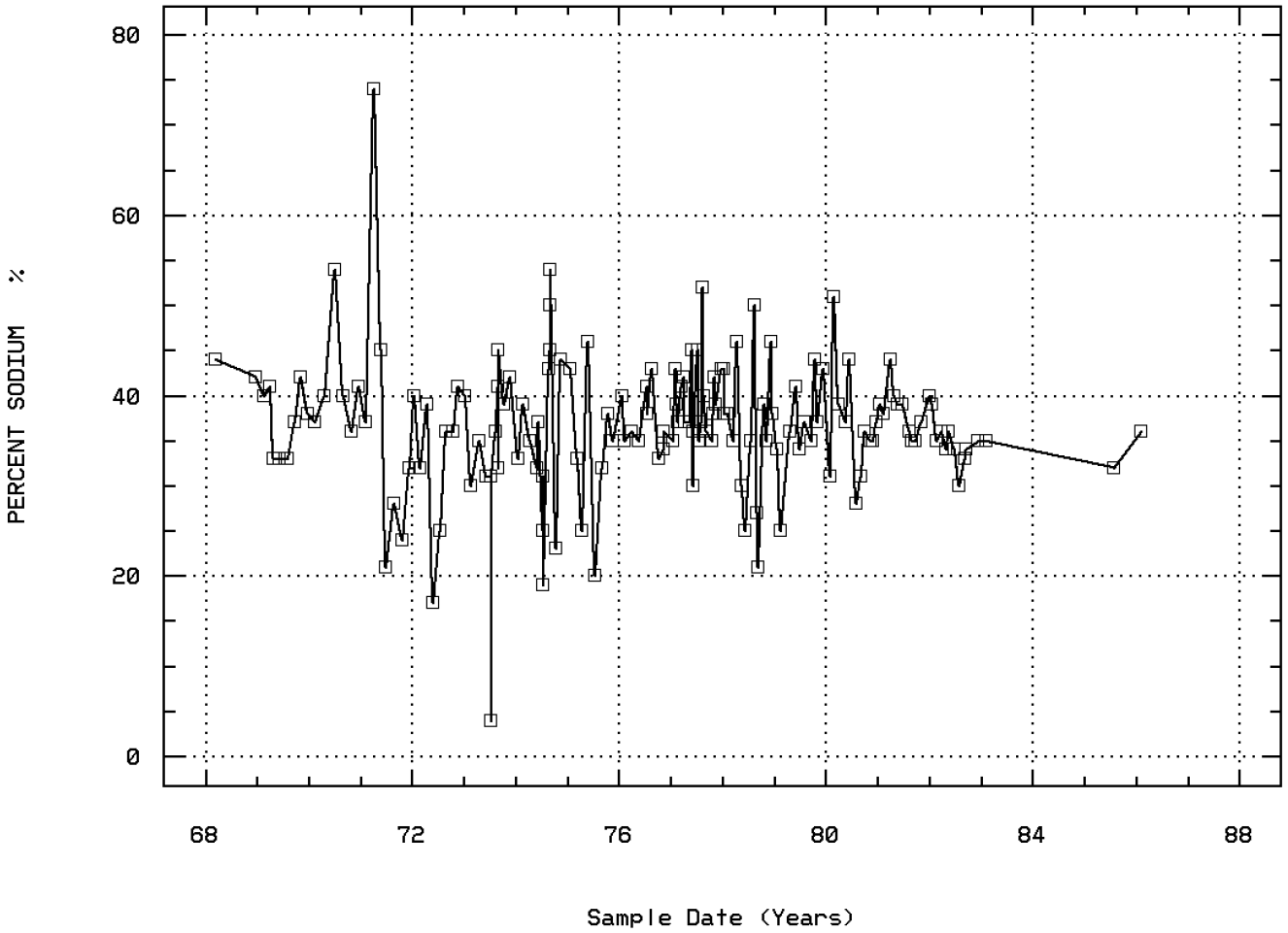
SODIUM ADSORPTION RATIO



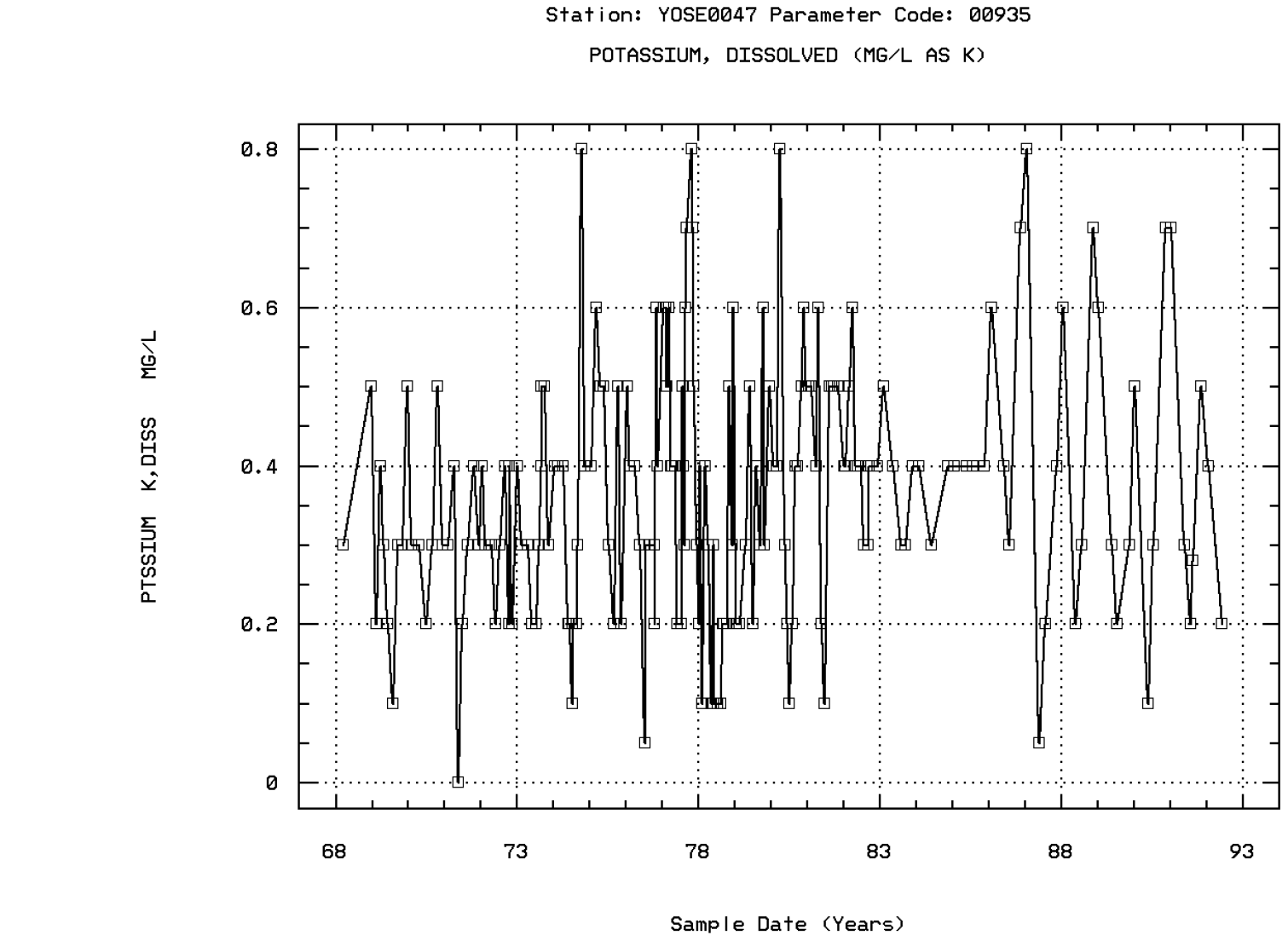
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00932

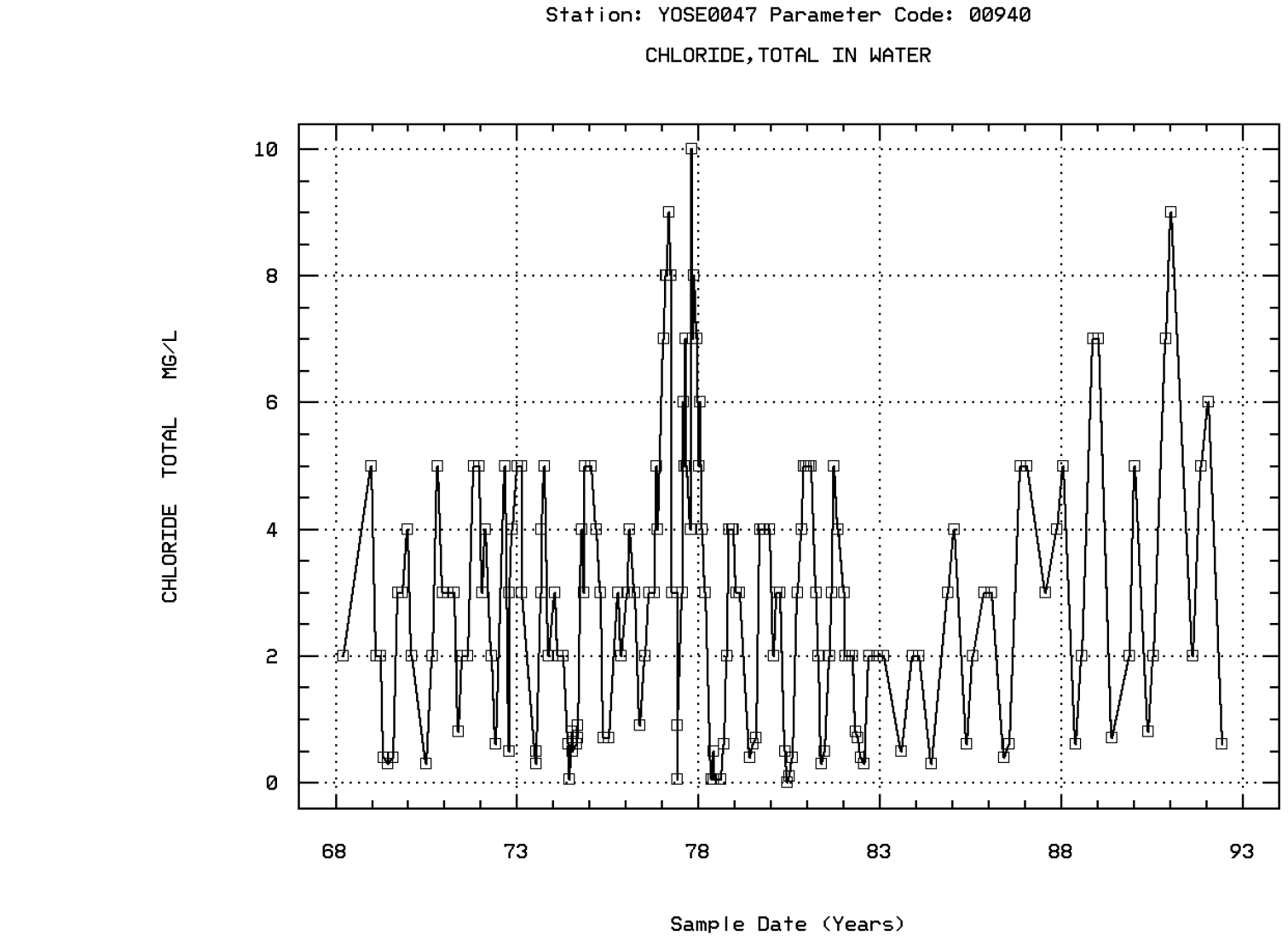
SODIUM, PERCENT



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI



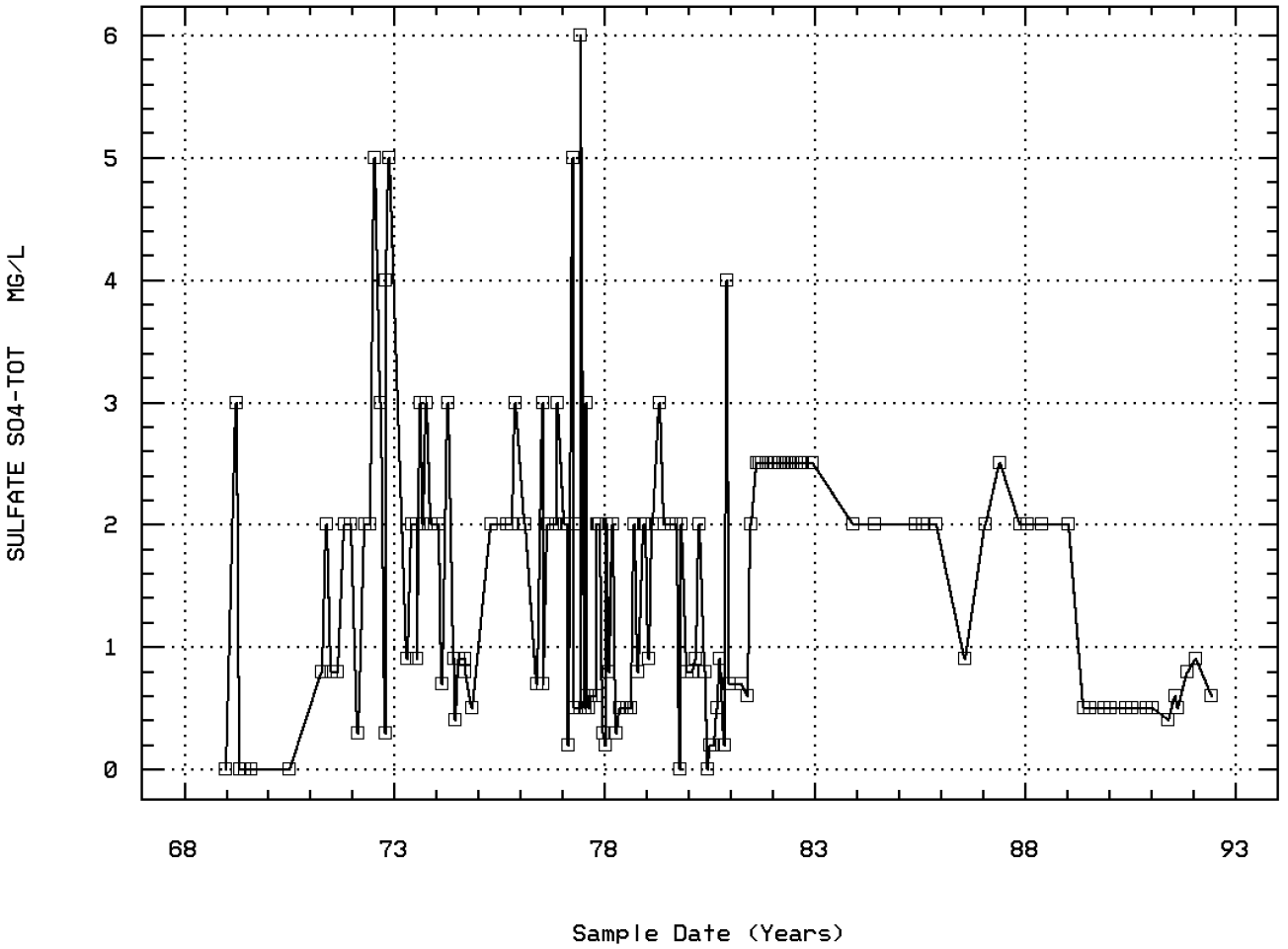
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00945

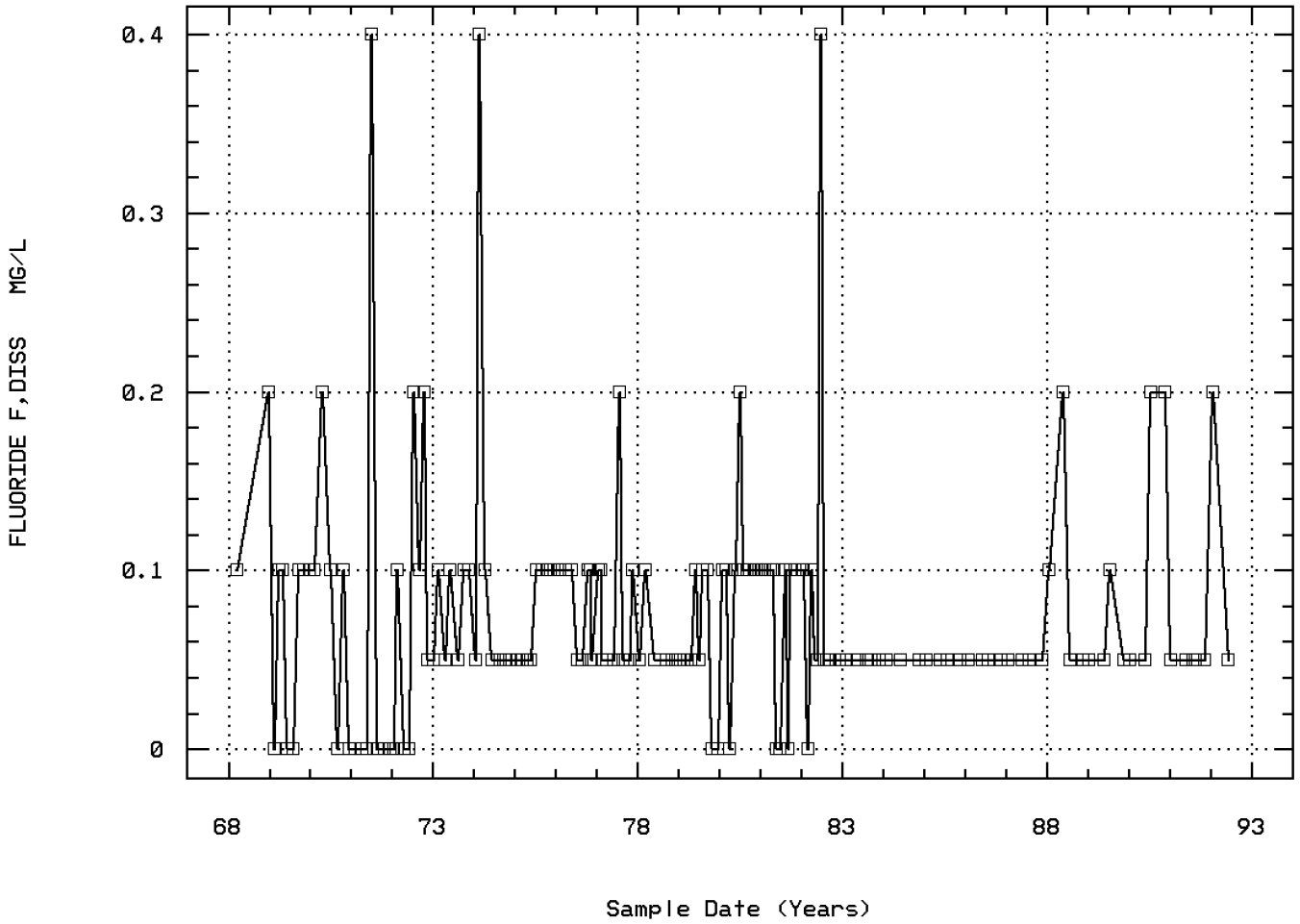
SULFATE, TOTAL (MG/L AS SO4)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00950

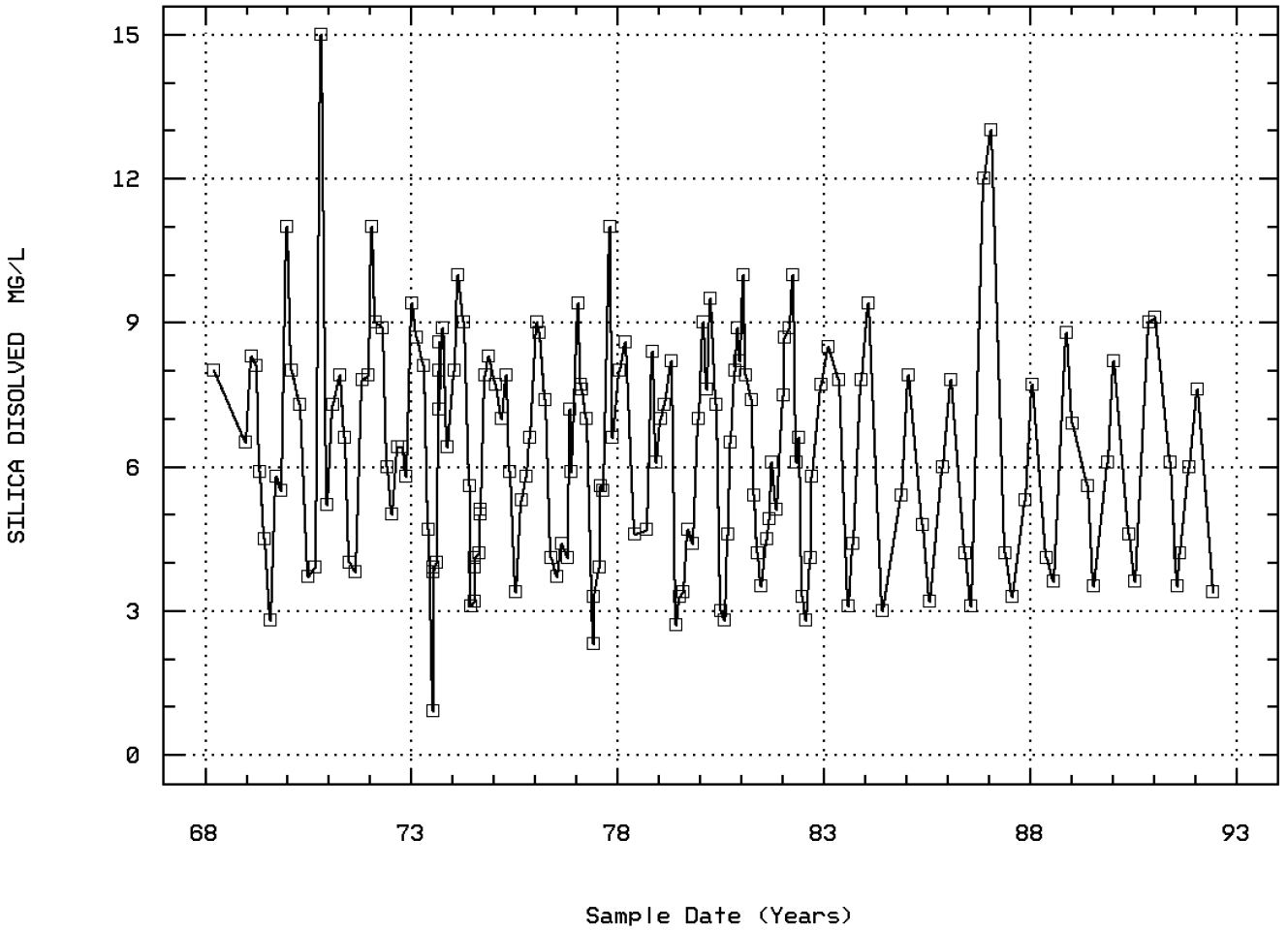
FLUORIDE, DISSOLVED (MG/L AS F)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00955

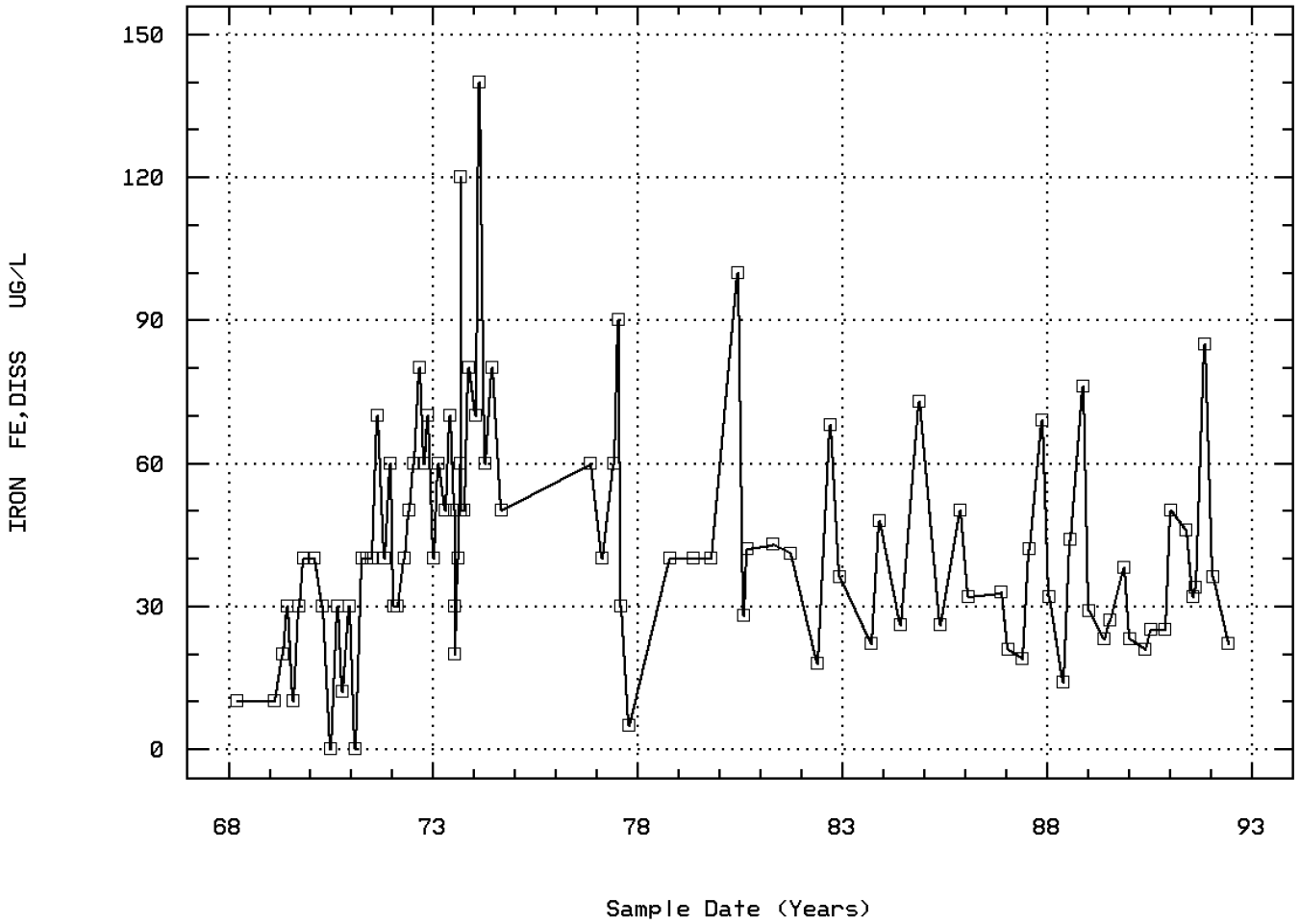
SILICA, DISSOLVED (MG/L AS SI02)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 01046

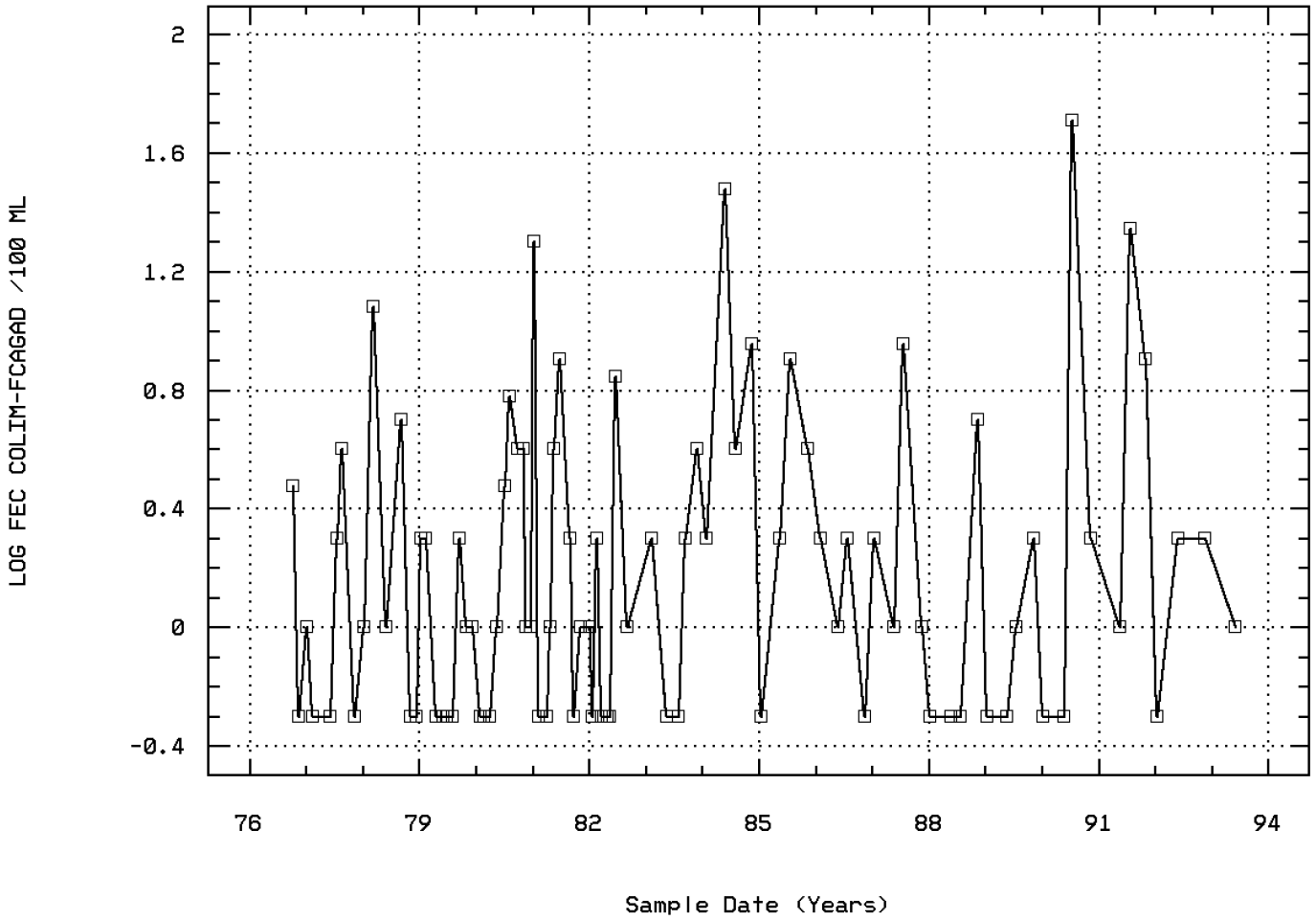
IRON, DISSOLVED (UG/L AS FE)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 31625

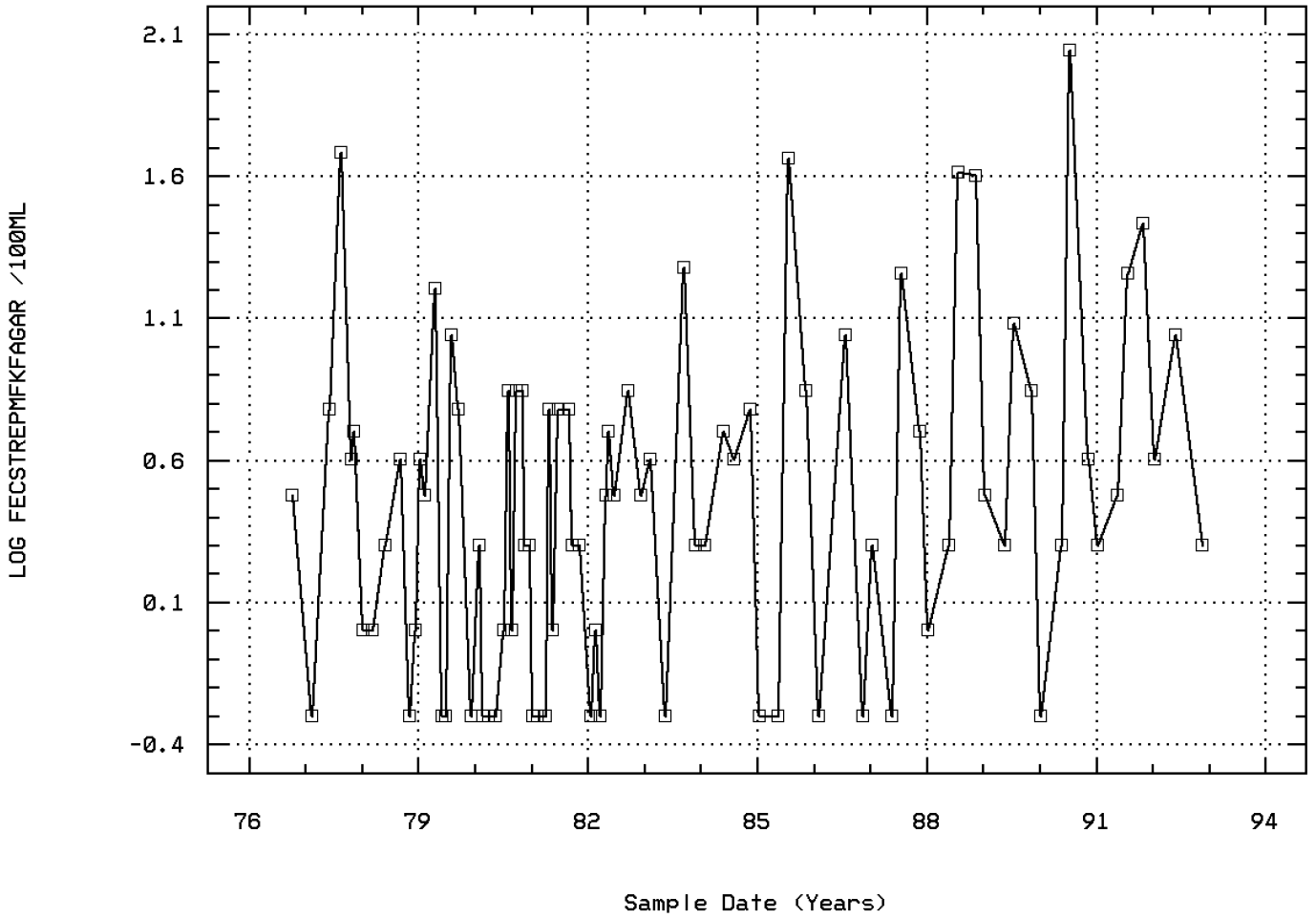
LOG FECAL COLIFORM, MF,M-FC, 0.7 UM



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 31673

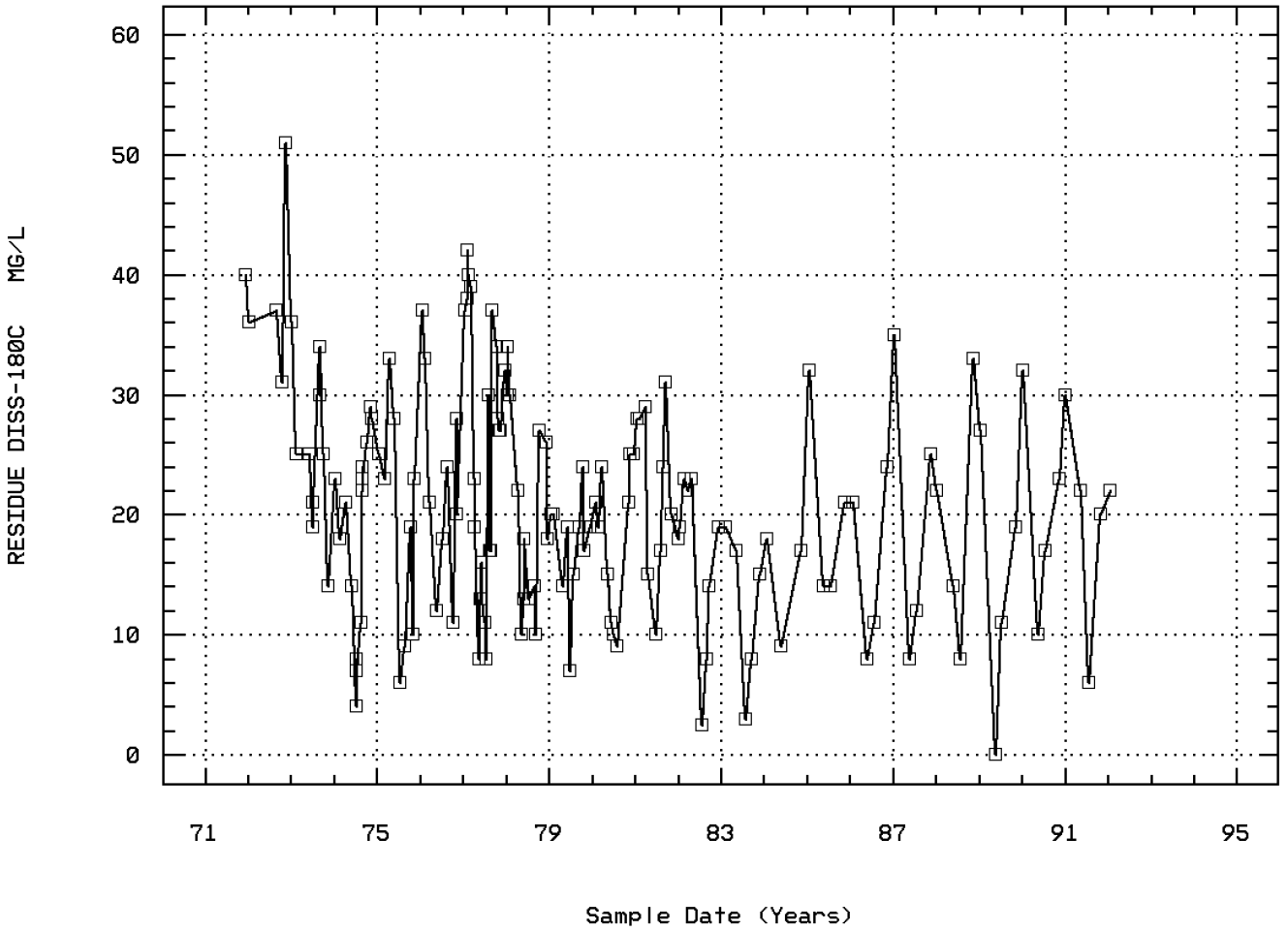
LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



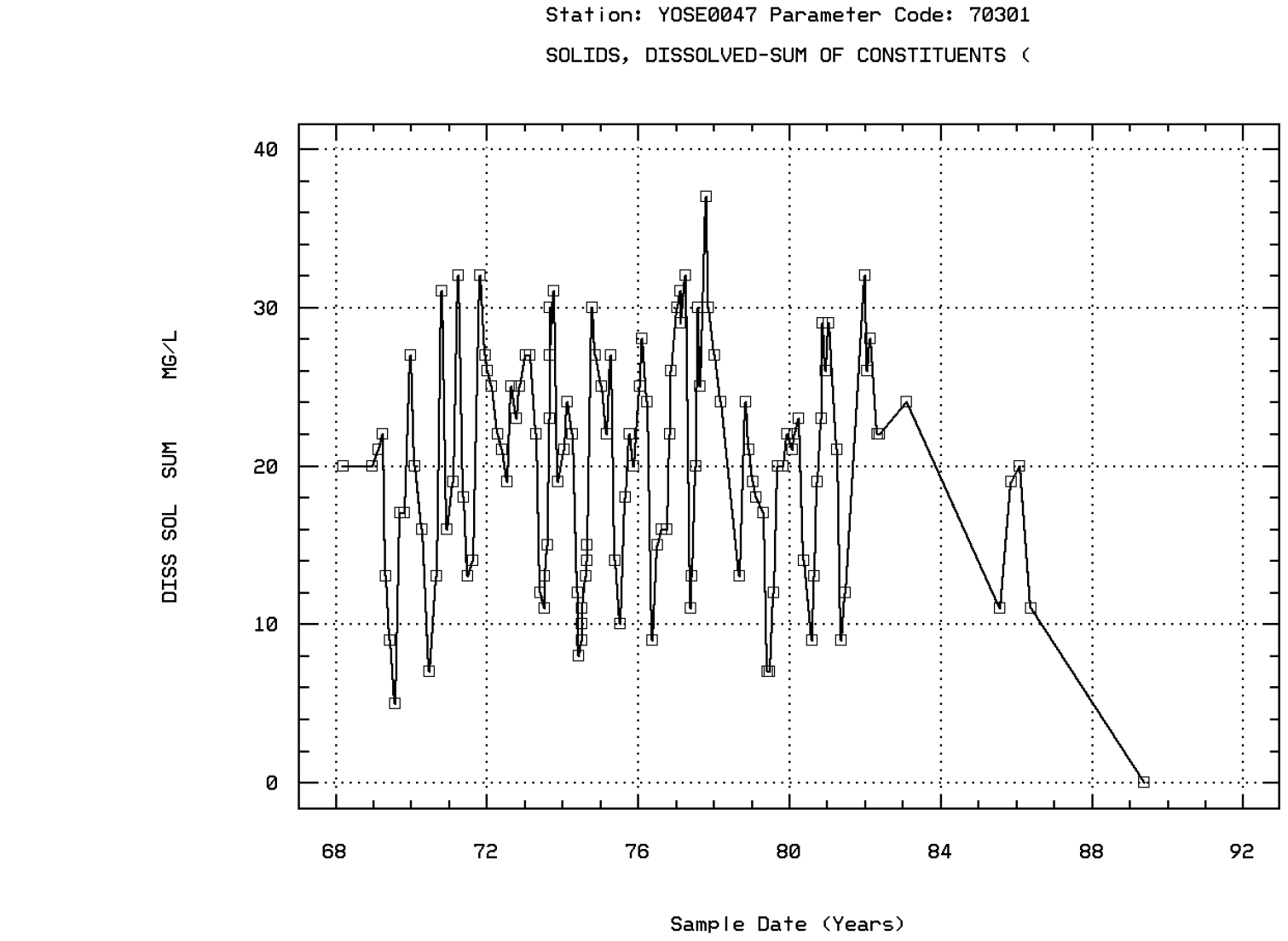
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 70300

RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



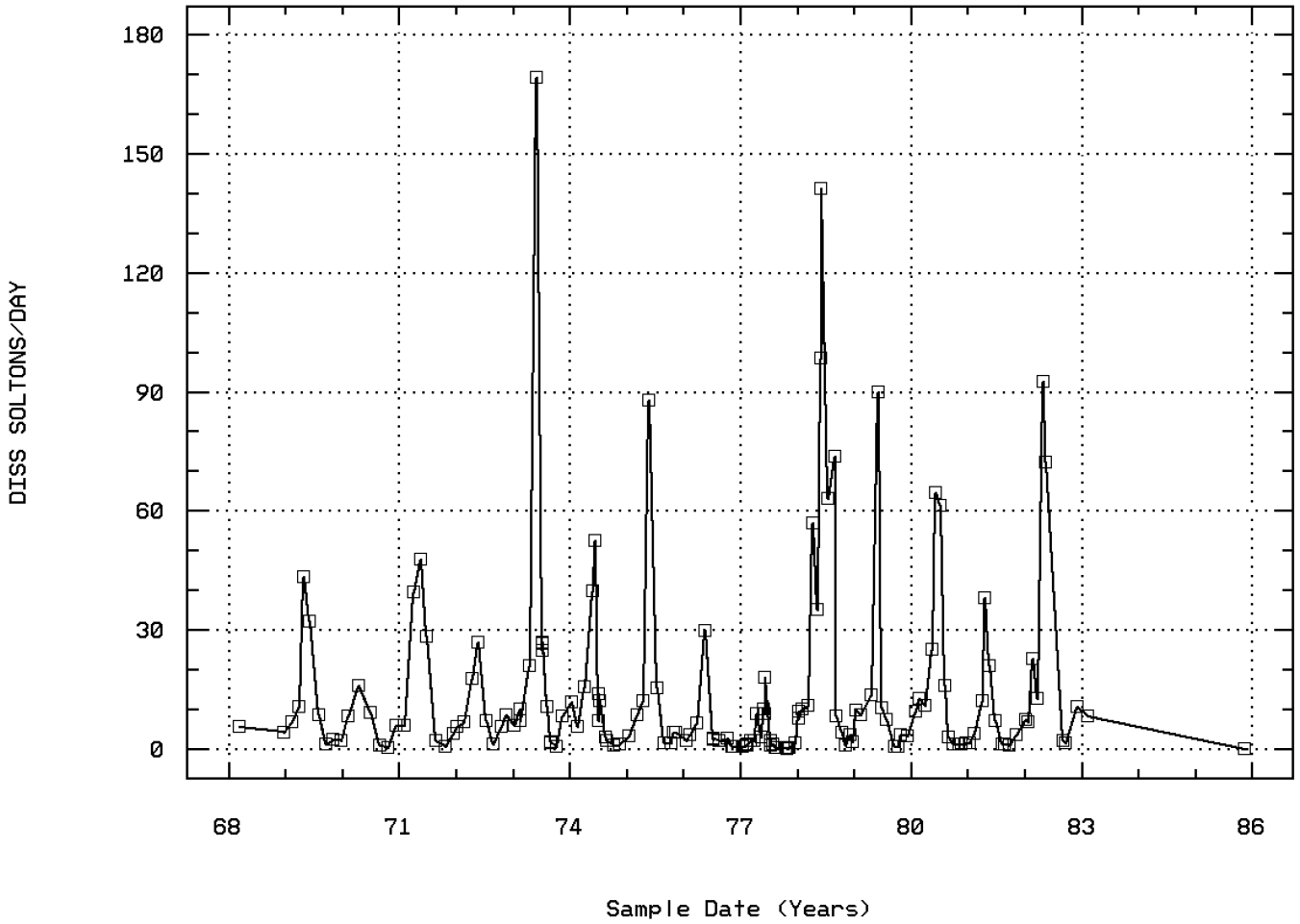
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 70302

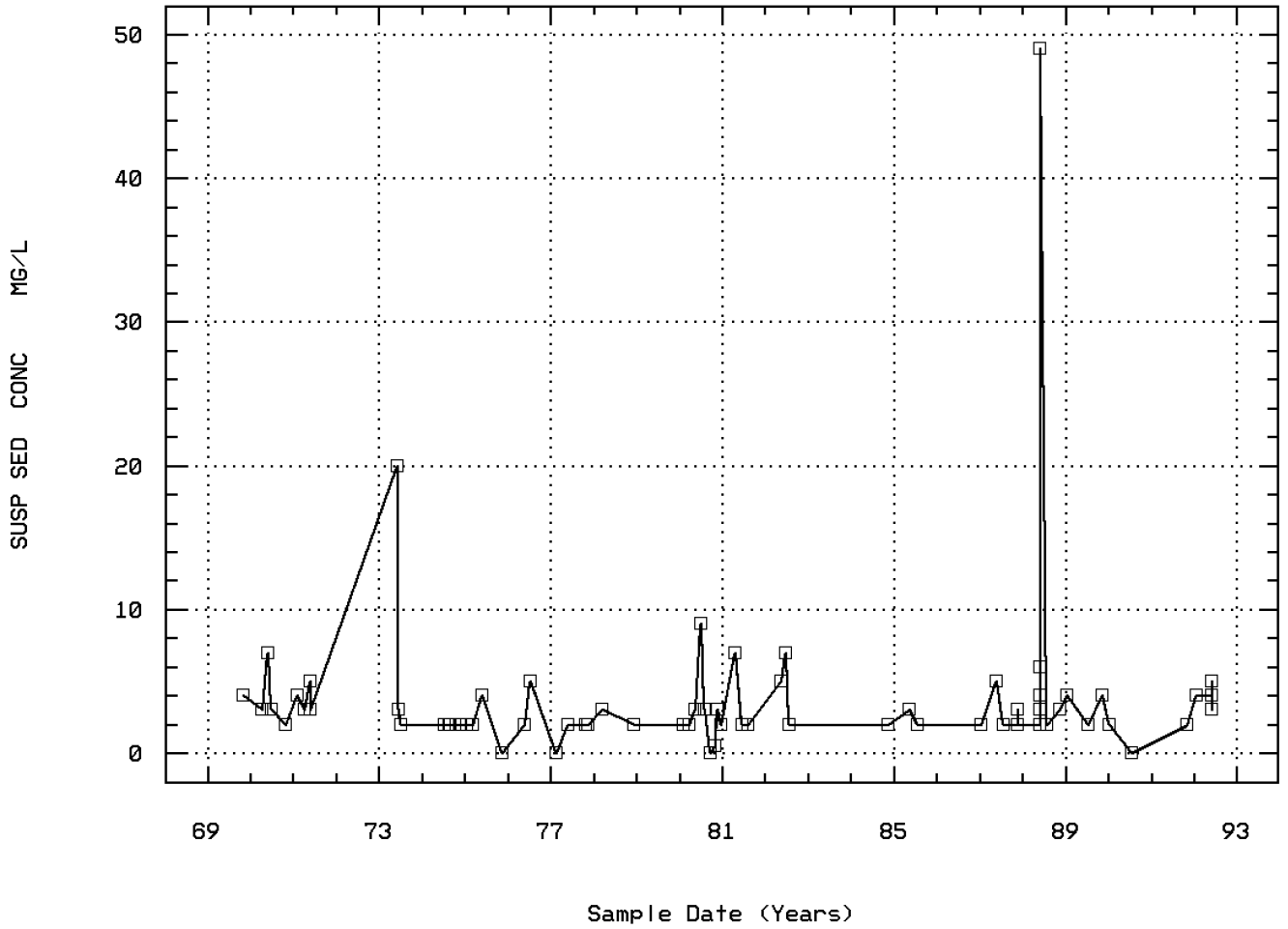
SOLIDS, DISSOLVED-TONS PER DAY



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 80154

SUSP. SEDIMENT CONCENTRATION-EVAP. AT 1



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Annual Analysis for 1968 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	2	28.5	28.5	31.	26.	12.5	3.536	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	2	6.7	6.7	6.9	6.5	0.08	0.283	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	2	6.655	6.655	6.9	6.5	0.084	0.29	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	2	0.221	0.221	0.316	0.126	0.018	0.135	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	03/12/68-03/10/78	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
00445p	CARBONATE ION (MG/L AS CO3)	03/12/68-03/10/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	2	6.	6.	6.	6.	0.	0.	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	2	2.35	2.35	2.5	2.2	0.045	0.212	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	2	2.2	2.2	2.4	2.	0.08	0.283	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932p	SODIUM, PERCENT	03/12/68-01/31/86	2	43.	43.	44.	42.	2.	1.414	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	2	7.25	7.25	8.	6.5	1.125	1.061	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	2	20.	20.	20.	20.	0.	0.	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	2	4.965	4.965	5.67	4.26	0.994	0.997	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

Annual Analysis for 1969 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	8	5.25	5.938	16.	0.5	26.388	5.137	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	8	23.5	20.875	35.	9.	82.982	9.109	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	8	11.3	11.4	12.	11.	0.206	0.454	**	**	**	**
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	8	6.3	6.462	6.9	6.1	0.117	0.342	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	8	6.3	6.363	6.9	6.1	0.128	0.358	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	8	0.501	0.434	0.794	0.126	0.069	0.262	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	8	6.5	5.875	9.	2.	5.268	2.295	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	03/12/68-03/10/78	8	7.5	7.	11.	2.	8.	2.828	**	**	**	**
00445p	CARBONATE ION (MG/L AS CO3)	03/12/68-03/10/78	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	6	0.115	0.337	0.84	0.08	0.138	0.372	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	7	0.02	0.029	0.07	0.	0.001	0.026	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	8	5.5	5.	8.	2.	4.857	2.204	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	8	2.05	1.775	3.1	0.6	0.782	0.884	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	8	0.15	0.175	0.3	0.	0.014	0.116	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	8	1.75	1.588	2.7	0.4	0.667	0.817	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	8	0.3	0.288	0.4	0.1	0.013	0.113	**	**	**	**
00932p	SODIUM, PERCENT	03/12/68-01/31/86	8	37.5	37.125	42.	33.	14.125	3.758	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	8	0.3	0.288	0.5	0.1	0.016	0.125	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	8	2.	1.888	4.	0.3	1.987	1.41	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	8	1.	0.875	3.	0.	0.982	0.991	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	8	0.1	0.063	0.1	0.	0.003	0.052	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	8	5.85	6.488	11.	2.8	6.513	2.552	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	8	17.	16.375	27.	5.	51.696	7.19	**	**	**	**

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

Annual Analysis for 1969 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	8	7.57	13.324	43.2	1.12	244.932	15.65	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	8	0.02	0.023	0.04	0.01	0.	0.01	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**

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

Annual Analysis for 1970 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	7	7.5	7.214	13.	1.5	16.571	4.071	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	6	22.5	25.167	55.	10.	244.567	15.639	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	6	10.5	10.467	12.	8.6	2.059	1.435	**	**	**	**
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	6	6.6	6.583	7.1	6.1	0.114	0.337	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	6	6.589	6.48	7.1	6.1	0.126	0.356	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	6	0.258	0.331	0.794	0.079	0.063	0.252	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	6	5.	5.	7.	2.	3.6	1.897	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	03/12/68-03/10/78	6	6.	6.167	9.	3.	4.567	2.137	**	**	**	**
00445p	CARBONATE ION (MG/L AS CO3)	03/12/68-03/10/78	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	6	0.125	0.14	0.32	0.03	0.014	0.119	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	6	0.185	0.177	0.34	0.06	0.01	0.101	**	**	**	**
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	6	0.025	0.043	0.11	0.	0.002	0.046	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	6	4.5	4.833	8.	1.	6.167	2.483	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	6	0.	0.167	1.	0.	0.167	0.408	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	6	1.9	1.883	3.1	0.5	0.806	0.898	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	6	0.	0.083	0.3	0.	0.018	0.133	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	6	1.6	1.617	2.5	0.8	0.358	0.598	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	6	0.3	0.317	0.4	0.3	0.002	0.041	**	**	**	**
00932p	SODIUM, PERCENT	03/12/68-01/31/86	6	40.	41.333	54.	36.	42.267	6.501	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	6	0.3	0.317	0.5	0.2	0.01	0.098	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	6	2.	2.217	5.	0.3	2.722	1.65	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	6	1.	0.833	1.	0.	0.167	0.408	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	6	0.1	0.083	0.2	0.	0.006	0.075	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	6	6.25	7.183	15.	3.7	17.726	4.21	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	6	16.	17.167	31.	7.	64.567	8.035	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	6	7.13	6.745	15.9	0.26	33.343	5.774	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	6	0.02	0.023	0.04	0.01	0.	0.01	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	6	2.5	2.833	7.	1.	4.967	2.229	**	**	**	**

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Annual Analysis for 1971 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	11	6.	6.136	15.	1.	17.905	4.231	1.1	1.5	8.5	14.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	2	21.5	21.5	36.	7.	420.5	20.506	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	7	17.	21.714	45.	11.	137.905	11.743	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	7	12.	11.6	13.8	10.	2.347	1.532	**	**	**	**
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	7	6.9	7.086	8.	6.1	0.451	0.672	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	7	6.9	6.702	8.	6.1	0.624	0.79	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	7	0.126	0.199	0.794	0.01	0.077	0.277	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	10/19/71-03/10/78	2	2.8	2.8	3.6	2.	1.28	1.131	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	7	8.	8.714	18.	4.	22.571	4.751	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	03/12/68-03/10/78	7	10.	10.714	22.	5.	34.571	5.88	**	**	**	**

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Annual Analysis for 1971 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00445p	CARBONATE ION (MG/L AS CO3)	03/12/68-03/10/78	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	3	0.63	0.513	0.91	0.	0.217	0.466	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	7	0.21	0.357	0.94	0.03	0.108	0.329	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	6	0.05	0.058	0.1	0.02	0.001	0.035	**	**	**	**
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	7	0.03	0.023	0.06	0.	0.	0.021	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	7	0.04	0.083	0.3	0.01	0.011	0.105	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	7	0.01	0.007	0.02	0.	0.	0.008	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	7	6.	8.	17.	4.	22.667	4.761	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	7	1.	1.857	6.	0.	5.476	2.34	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	7	1.7	2.729	6.3	1.1	3.662	1.914	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	7	0.3	0.257	0.5	0.	0.03	0.172	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	7	2.1	2.529	7.4	0.6	5.159	2.271	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	7	0.3	0.414	1.4	0.1	0.195	0.441	**	**	**	**
00932p	SODIUM, PERCENT	03/12/68-01/31/86	7	32.	37.286	74.	21.	327.238	18.09	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	7	0.3	0.271	0.4	0.	0.019	0.138	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	7	3.	2.971	5.	0.8	2.472	1.572	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	7	1.	1.343	2.	0.8	0.383	0.619	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	7	0.	0.057	0.4	0.	0.023	0.151	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	7	7.3	6.471	7.9	3.8	3.299	1.816	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	7	19.	22.143	32.	13.	65.81	8.112	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	7	5.85	18.306	47.7	0.67	390.549	19.762	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	7	0.03	0.031	0.05	0.02	0.	0.012	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	4	3.5	3.75	5.	3.	0.917	0.957	**	**	**	**

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Annual Analysis for 1972 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	10	5.25	6.3	14.	1.	24.344	4.934	1.05	1.5	10.375	13.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	13	68.	119.692	475.	11.	16141.231	127.048	29.8	66.	120.	404.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	9	17.	16.111	25.	10.	23.861	4.885	10.	11.	19.	25.
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	8	11.	11.325	14.	9.6	2.445	1.564	**	**	**	**
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	9	6.9	6.822	6.9	6.5	0.019	0.139	6.5	6.75	6.9	6.9
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	9	6.9	6.799	6.9	6.5	0.02	0.142	6.5	6.75	6.9	6.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	9	0.126	0.159	0.316	0.126	0.004	0.064	0.126	0.126	0.179	0.316
00405p	CARBON DIOXIDE (MG/L AS CO2)	10/19/71-03/10/78	9	2.3	2.333	3.	1.6	0.292	0.541	1.6	1.8	2.95	3.
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	9	7.	7.889	12.	5.	4.361	2.088	5.	7.	9.5	12.
00440p	BICARBONATE ION (MG/L AS HCO3)	03/12/68-03/10/78	9	9.	9.778	15.	6.	6.694	2.587	6.	8.5	11.5	15.
00445p	CARBONATE ION (MG/L AS CO3)	03/12/68-03/10/78	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	8	0.095	0.11	0.24	0.01	0.006	0.08	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	7	0.12	0.18	0.31	0.06	0.012	0.111	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	8	0.03	0.071	0.4	0.	0.018	0.134	**	**	**	**
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	10	0.	0.012	0.09	0.	0.001	0.029	0.	0.	0.008	0.084
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	10	0.02	0.018	0.03	0.	0.	0.011	0.001	0.009	0.03	0.03
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	10	0.003	0.006	0.03	0.	0.	0.009	0.	0.	0.006	0.028
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	8	7.5	7.5	10.	5.	2.571	1.604	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	8	0.	0.25	1.	0.	0.214	0.463	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	8	2.7	2.688	3.8	1.6	0.453	0.673	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	8	0.2	0.175	0.2	0.1	0.002	0.046	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	9	1.8	1.811	2.6	0.8	0.394	0.627	0.8	1.25	2.35	2.6
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	8	0.3	0.288	0.4	0.1	0.01	0.099	**	**	**	**
00932p	SODIUM, PERCENT	03/12/68-01/31/86	8	36.	33.25	41.	17.	69.643	8.345	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	9	0.3	0.3	0.4	0.2	0.008	0.087	0.2	0.2	0.4	0.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	9	3.	2.567	5.	0.5	2.665	1.632	0.5	0.8	4.	5.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	9	2.	2.511	5.	0.3	3.429	1.852	0.3	0.65	4.5	5.

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Annual Analysis for 1972 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	8	0.075	0.081	0.2	0.	0.007	0.084	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	8	6.4	7.313	11.	5.	4.284	2.07	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	4	36.5	38.75	51.	31.	73.583	8.578	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	8	24.	23.25	26.	19.	5.929	2.435	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	8	6.98	9.964	26.9	1.1	69.024	8.308	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	9	0.03	0.039	0.07	0.02	0.	0.015	0.02	0.03	0.05	0.07
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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Annual Analysis for 1973 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	28	11.75	9.196	15.5	1.	27.506	5.245	1.	2.5	13.	14.15
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	24	241.5	448.333	2660.	7.	495266.841	703.752	12.5	31.75	473.	1775.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	19	22.	19.579	39.	8.	72.702	8.527	8.	10.	24.	28.
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	13	9.2	10.246	14.	8.7	3.911	1.978	8.7	8.85	11.95	13.8
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	15	6.6	6.6	7.1	6.2	0.069	0.262	6.26	6.4	6.7	7.1
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	15	6.6	6.536	7.1	6.2	0.073	0.27	6.26	6.4	6.7	7.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	15	0.251	0.291	0.631	0.079	0.023	0.15	0.079	0.2	0.398	0.553
00405p	CARBON DIOXIDE (MG/L AS CO2)	10/19/71-03/10/78	15	3.	3.713	8.1	1.	4.306	2.075	1.36	2.	5.6	7.08
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	19	7.	7.737	13.	3.	9.76	3.124	4.	5.	11.	13.
00440p	BICARBONATE ION (MG/L AS HCO3)	03/12/68-03/10/78	19	8.	9.474	16.	4.	15.596	3.949	5.	6.	14.	16.
00445p	CARBONATE ION (MG/L AS CO3)	03/12/68-03/10/78	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	13	0.08	0.105	0.47	0.	0.014	0.119	0.	0.055	0.115	0.35
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	12	0.045	0.051	0.11	0.01	0.001	0.035	0.01	0.02	0.078	0.107
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	13	0.14	0.154	0.48	0.03	0.013	0.115	0.042	0.08	0.195	0.384
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	9	0.03	0.061	0.24	0.01	0.006	0.077	0.01	0.015	0.09	0.24
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	13	0.05	0.158	0.9	0.01	0.067	0.259	0.01	0.025	0.15	0.74
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	14	0.015	0.032	0.09	0.	0.001	0.036	0.	0.	0.06	0.09
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	13	0.01	0.013	0.04	0.005	0.	0.01	0.005	0.008	0.02	0.032
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	14 ##	0.008	0.013	0.03	0.005	0.	0.01	0.005	0.005	0.02	0.03
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	13	6.	6.462	11.	3.	7.603	2.757	3.	3.5	8.5	10.6
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	13	0.	0.154	2.	0.	0.308	0.555	0.	0.	0.	1.2
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	13	2.	2.277	4.	0.9	1.135	1.065	0.9	1.3	3.2	3.84
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	13	0.2	0.185	0.3	0.1	0.003	0.055	0.1	0.15	0.2	0.26
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	14	2.05	1.8	3.2	0.1	0.974	0.987	0.35	0.7	2.7	3.05
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	13	0.3	0.3	0.5	0.	0.017	0.129	0.08	0.2	0.4	0.46
00932p	SODIUM, PERCENT	03/12/68-01/31/86	13	35.	33.615	45.	4.	103.756	10.186	14.4	31.	40.5	43.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	13	0.3	0.323	0.5	0.2	0.012	0.109	0.2	0.2	0.4	0.5
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	14	2.5	2.436	5.	0.3	3.259	1.805	0.3	0.875	4.25	5.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	14	1.5	1.629	3.	0.9	0.576	0.759	0.9	1.	2.	3.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	7	0.1	0.079	0.1	0.05	0.001	0.027	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	13	7.2	6.354	9.4	0.9	6.946	2.636	2.06	3.95	8.65	9.2
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	11	25.	25.818	36.	14.	48.964	6.997	15.	21.	34.	35.6
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	13	22.	20.615	31.	11.	56.423	7.512	11.	12.5	27.	30.6
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	14	9.15	22.562	169.	0.5	1868.504	43.226	1.06	1.84	25.25	97.95
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	14	0.03	0.034	0.05	0.02	0.	0.01	0.02	0.03	0.043	0.05
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	12	1.	2.917	20.	1.	29.356	5.418	1.	1.	2.	14.9

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

Annual Analysis for 1974 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	23	12.5	10.239	15.5	1.	21.247	4.609	2.4	5.5	13.5	15.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	23	37.	285.739	2430.	11.	296532.383	544.548	16.	34.	274.	890.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	23	10.	13.217	30.	5.	53.723	7.33	5.8	8.	21.	25.4
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	14	9.65	10.107	13.8	8.8	1.988	1.41	8.8	8.975	11.05	12.55
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	21	6.8	6.795	7.2	6.4	0.035	0.188	6.52	6.7	6.9	7.08
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	21	6.8	6.757	7.2	6.4	0.037	0.192	6.52	6.7	6.9	7.08
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	21	0.158	0.175	0.398	0.063	0.006	0.078	0.084	0.126	0.2	0.303
00405p	CARBON DIOXIDE (MG/L AS CO2)	10/19/71-03/10/78	19	1.5	1.958	5.1	1.	1.201	1.096	1.3	1.3	2.	4.5
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	22	6.	6.045	12.	4.	3.76	1.939	4.	4.	7.	8.
00440p	BICARBONATE ION (MG/L AS HCO3)	03/12/68-03/10/78	21	7.	7.333	15.	5.	6.133	2.477	5.	5.	9.	10.
00445p	CARBONATE ION (MG/L AS CO3)	03/12/68-03/10/78	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	9	0.19	0.221	0.44	0.	0.024	0.156	0.	0.085	0.38	0.44
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	11	0.04	0.042	0.07	0.02	0.	0.019	0.02	0.02	0.06	0.07
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	9	0.25	0.249	0.47	0.03	0.026	0.16	0.03	0.095	0.4	0.47
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	8	0.055	0.116	0.59	0.01	0.038	0.194	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	8	0.045	0.048	0.1	0.01	0.001	0.028	**	**	**	**
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	13	0.	0.005	0.06	0.	0.	0.017	0.	0.	0.	0.036
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	16 ##	0.005	0.016	0.1	0.005	0.001	0.024	0.005	0.005	0.02	0.051
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	13 ##	0.005	0.006	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.014
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	15	4.	5.533	16.	2.	13.981	3.739	2.	3.	7.	12.4
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	14	0.	0.429	4.	0.	1.341	1.158	0.	0.	0.	3.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	15	1.6	2.	6.3	0.3	2.176	1.475	0.54	1.1	2.3	4.74
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	15	0.1	0.13	0.4	0.05	0.013	0.115	0.05	0.05	0.2	0.34
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	15	1.4	1.513	3.6	0.4	0.767	0.876	0.46	0.6	2.2	2.88
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	15	0.3	0.287	0.5	0.1	0.016	0.125	0.1	0.2	0.4	0.44
00932p	SODIUM, PERCENT	03/12/68-01/31/86	14	36.	36.429	54.	19.	103.956	10.196	21.	29.5	44.25	52.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	14	0.3	0.314	0.8	0.1	0.029	0.17	0.15	0.2	0.4	0.6
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	15	0.9	1.657	5.	0.05	2.16	1.47	0.32	0.6	3.	4.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	15	0.9	1.067	3.	0.4	0.408	0.639	0.46	0.8	1.	2.4
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	7 ##	0.05	0.107	0.4	0.05	0.017	0.13	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	14	5.05	5.886	10.	3.1	5.246	2.29	3.15	4.05	8.075	9.5
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	14	21.5	18.429	29.	4.	67.341	8.206	5.5	10.25	24.5	28.5
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	14	14.	16.429	30.	8.	49.802	7.057	8.5	10.75	22.5	28.5
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	14	6.265	12.09	52.5	0.77	238.836	15.454	0.99	2.178	14.3	46.1
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	15	0.03	0.025	0.04	0.01	0.	0.011	0.01	0.01	0.03	0.04
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	7	2.	1.571	2.	1.	0.286	0.535	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	9	4.	6.	14.	0.5	26.	5.099	0.5	1.5	10.75	14.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	11	137.	173.636	951.	30.	68663.855	262.038	33.8	49.	139.	792.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	6	19.	22.	39.	12.	124.	11.136	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	6	10.2	10.383	12.5	9.1	1.466	1.211	**	**	**	**
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	9	6.8	6.889	7.3	6.3	0.111	0.333	6.3	6.7	7.25	7.3
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	9	6.8	6.773	7.3	6.3	0.126	0.355	6.3	6.7	7.25	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	9	0.158	0.169	0.501	0.05	0.02	0.141	0.05	0.057	0.205	0.501
00405p	CARBON DIOXIDE (MG/L AS CO2)	10/19/71-03/10/78	7	1.4	1.871	4.4	0.4	1.982	1.408	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	9	7.	7.222	10.	4.	5.694	2.386	4.	5.	9.5	10.
00440p	BICARBONATE ION (MG/L AS HCO3)	03/12/68-03/10/78	8	10.	9.25	12.	5.	7.071	2.659	**	**	**	**
00445p	CARBONATE ION (MG/L AS CO3)	03/12/68-03/10/78	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	8	0.04	0.035	0.05	0.01	0.	0.018	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	9 ##	0.005	0.009	0.02	0.005	0.	0.006	0.005	0.005	0.015	0.02
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	8	7.	7.625	16.	3.	14.839	3.852	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	8	0.5	1.25	6.	0.	4.214	2.053	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	8	2.35	2.55	5.7	0.8	2.357	1.535	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	8	0.3	0.3	0.7	0.05	0.048	0.219	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	8	1.95	1.863	3.	0.6	0.571	0.756	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	8	0.3	0.313	0.5	0.1	0.016	0.125	**	**	**	**
00932p	SODIUM, PERCENT	03/12/68-01/31/86	8	34.	34.	46.	20.	74.857	8.652	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	8	0.45	0.4	0.6	0.2	0.023	0.151	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	8	2.5	2.425	5.	0.7	2.562	1.601	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	8	1.5	1.625	3.	1.	0.554	0.744	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	8 ##	0.075	0.075	0.1	0.05	0.001	0.027	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	8	6.25	6.2	7.9	3.4	2.12	1.456	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	9	23.	19.556	33.	6.	86.528	9.302	6.	9.5	26.5	33.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	8	21.	19.75	27.	10.	31.643	5.625	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	9	4.27	15.376	87.7	1.41	758.989	27.55	1.41	2.425	13.8	87.7
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	9	0.03	0.026	0.04	0.01	0.	0.012	0.01	0.01	0.035	0.04
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	6	1.5	1.667	4.	0.	1.867	1.366	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	10	7.5	7.7	14.	2.	17.9	4.231	2.	4.25	11.	14.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	15	88.	221.933	920.	7.	87185.067	295.271	10.6	32.	595.	725.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	11	24.	30.091	65.	15.	234.091	15.3	15.2	19.	36.	62.
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	9	11.	11.156	12.7	9.4	1.49	1.221	9.4	9.9	12.25	12.7
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	11	7.	7.	7.3	6.6	0.042	0.205	6.64	6.8	7.2	7.28
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	11	7.	6.954	7.3	6.6	0.044	0.211	6.64	6.8	7.2	7.28
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	11	0.1	0.111	0.251	0.05	0.003	0.058	0.053	0.063	0.158	0.233
00405p	CARBON DIOXIDE (MG/L AS CO2)	10/19/71-03/10/78	9	1.2	1.7	5.2	0.5	2.268	1.506	0.5	0.75	2.3	5.2
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	10	7.5	7.1	11.	2.	11.211	3.348	2.1	3.	10.	10.9
00440p	BICARBONATE ION (MG/L AS HCO3)	03/12/68-03/10/78	9	10.	9.222	13.	3.	13.194	3.632	3.	6.	12.	13.
00445p	CARBONATE ION (MG/L AS CO3)	03/12/68-03/10/78	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	9	0.02	0.078	0.41	0.01	0.017	0.13	0.01	0.015	0.09	0.41
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	9 ##	0.005	0.011	0.03	0.005	0.	0.009	0.005	0.005	0.015	0.03
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	10	7.5	7.2	11.	3.	7.511	2.741	3.1	4.75	9.25	10.9
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	9	0.	0.667	6.	0.	4.	2.	0.	0.	0.	6.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	10	2.35	2.28	3.2	1.	0.608	0.78	1.05	1.575	3.05	3.2
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	10	0.3	0.335	0.8	0.05	0.072	0.269	0.055	0.1	0.55	0.79
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	10	2.15	2.01	2.8	0.7	0.49	0.7	0.77	1.475	2.575	2.8
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	10	0.35	0.34	0.4	0.2	0.005	0.07	0.21	0.3	0.4	0.4
00932p	SODIUM, PERCENT	03/12/68-01/31/86	10	36.	37.1	43.	33.	10.767	3.281	33.1	34.75	40.25	42.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	11	0.3	0.341	0.6	0.05	0.021	0.146	0.08	0.3	0.4	0.58
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	10	3.	2.99	5.	0.9	1.379	1.174	1.01	2.	4.	4.9
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	10	1.5	1.64	3.	0.7	0.787	0.887	0.7	0.925	2.25	3.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	9	0.1	0.083	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	9	5.9	6.067	9.	3.7	4.41	2.1	3.7	4.1	8.1	9.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	10	20.5	22.2	37.	11.	71.511	8.456	11.1	16.5	29.25	36.6
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	9	22.	20.111	28.	9.	40.361	6.353	9.	15.5	25.5	28.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	10	2.48	5.298	29.8	0.56	76.842	8.766	0.574	1.728	4.3	27.472
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	10	0.03	0.03	0.05	0.02	0.	0.011	0.02	0.02	0.04	0.049

** - Less than 9 observations ## - Computed with 50% or 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 YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	10	1.	1.5	5.	1.	1.611	1.269	1.	1.	1.25	4.7

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

Annual Analysis for 1977 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	45	14.	11.76	17.	3.	20.735	4.554	4.5	6.25	15.	16.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	45	5.	37.111	515.	2.	8706.283	93.307	5.	5.	10.5	149.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	45	38.	36.778	57.	14.	58.813	7.669	24.6	37.	40.	44.8
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	42	8.9	9.681	13.5	7.6	2.439	1.562	8.6	8.7	10.375	12.8
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	44	7.	7.005	7.4	6.	0.065	0.254	6.75	6.8	7.2	7.3
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	44	7.	6.903	7.4	6.	0.075	0.274	6.75	6.8	7.2	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	44	0.1	0.125	1.	0.04	0.021	0.145	0.05	0.063	0.158	0.179
00405p	CARBON DIOXIDE (MG/L AS CO2)	10/19/71-03/10/78	11	1.1	2.573	14.	0.3	14.972	3.869	0.36	1.	2.3	11.76
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	45	8.	7.133	10.	1.	4.391	2.095	3.6	6.5	8.	9.
00440p	BICARBONATE ION (MG/L AS HCO3)	03/12/68-03/10/78	11	7.	7.091	11.	1.	7.891	2.809	1.6	6.	9.	10.6
00445p	CARBONATE ION (MG/L AS CO3)	03/12/68-03/10/78	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	13	0.03	0.058	0.2	0.	0.004	0.063	0.	0.	0.1	0.16
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	13 ##	0.005	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	13	0.05	0.075	0.2	0.01	0.003	0.055	0.014	0.025	0.11	0.168
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	11	0.06	0.057	0.09	0.02	0.001	0.027	0.02	0.03	0.08	0.09
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	3	0.07	0.057	0.07	0.03	0.001	0.023	**	**	**	**
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	13	0.	0.016	0.06	0.	0.001	0.023	0.	0.	0.03	0.06
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	21	0.01	0.01	0.04	0.005	0.	0.008	0.005	0.005	0.01	0.02
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	13 ##	0.005	0.008	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	22	10.	8.727	13.	3.	9.16	3.027	4.	5.75	11.	11.7
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	11	4.	3.545	7.	1.	2.673	1.635	1.2	2.	4.	6.6
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	22	3.5	3.005	4.4	0.8	1.333	1.154	1.23	1.675	3.8	4.28
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	22	0.35	0.3	0.6	0.05	0.025	0.16	0.065	0.175	0.4	0.5
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	22	3.1	2.809	4.1	0.6	1.102	1.05	1.15	1.75	3.8	4.
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	22	0.4	0.405	0.6	0.2	0.011	0.105	0.23	0.3	0.5	0.5
00932p	SODIUM, PERCENT	03/12/68-01/31/86	22	38.5	39.273	52.	30.	21.827	4.672	35.	36.	42.25	45.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	22	0.5	0.482	1.	0.2	0.044	0.211	0.2	0.3	0.6	0.77
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	22	6.5	5.407	10.	0.05	8.841	2.973	0.93	3.	8.	8.7
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	22	1.	1.605	6.	0.2	2.218	1.489	0.36	0.5	2.	4.4
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	9 ##	0.05	0.083	0.2	0.05	0.003	0.05	0.05	0.05	0.1	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	11	6.6	6.355	11.	2.3	6.779	2.604	2.5	3.9	7.7	10.68
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	22	27.	25.273	42.	8.	126.113	11.23	8.9	15.25	37.	39.7
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	11	30.	26.182	37.	11.	66.964	8.183	11.4	20.	31.	36.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	22	1.065	2.945	18.1	0.14	20.101	4.483	0.269	0.4	2.403	9.689
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	22	0.04	0.034	0.06	0.01	0.	0.016	0.01	0.02	0.05	0.05
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	8	1.	1.25	2.	0.	0.5	0.707	**	**	**	**

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Annual Analysis for 1978 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	17	7.	6.853	18.	1.5	19.805	4.45	1.9	3.	9.	14.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	17	170.	784.353	2900.	14.	1001954.993	1000.977	18.8	53.	1550.	2820.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	17	25.	24.176	39.	10.	90.779	9.528	12.4	15.5	32.5	38.2
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	17	10.8	10.7	12.5	8.8	1.209	1.099	8.96	10.05	11.45	12.26
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	17	6.9	6.765	7.2	5.7	0.175	0.418	5.94	6.5	7.05	7.12
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	17	6.9	6.505	7.2	5.7	0.247	0.497	5.94	6.5	7.05	7.12

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Annual Analysis for 1978 - Station YOSE0047

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	03/12/68-11/18/92	17	0.126	0.313	1.995	0.063	0.24	0.49	0.076	0.09	0.325	1.199
00405p	CARBON DIOXIDE (MG/L AS CO2)	10/19/71-03/10/78	2	8.8	8.8	14.	3.6	54.08	7.354	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	16	5.	4.875	10.	2.	5.05	2.247	2.	3.	6.75	7.9
00440p	BICARBONATE ION (MG/L AS HCO3)	03/12/68-03/10/78	2	9.	9.	9.	9.	0.	0.	**	**	**	**
00445p	CARBONATE ION (MG/L AS CO3)	03/12/68-03/10/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	11	0.1	0.1	0.2	0.	0.006	0.077	0.	0.	0.2	0.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	11 ##	0.005	0.013	0.06	0.005	0.	0.016	0.005	0.005	0.01	0.052
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	11	0.1	0.11	0.21	0.01	0.005	0.069	0.012	0.06	0.2	0.208
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	6	0.025	0.042	0.13	0.01	0.002	0.044	**	**	**	**
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	11	0.	0.011	0.06	0.	0.	0.02	0.	0.	0.03	0.054
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	17	0.01	0.012	0.05	0.005	0.	0.011	0.005	0.005	0.015	0.026
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	11 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.018
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	15	6.	5.867	10.	2.	6.552	2.56	2.	4.	8.	9.4
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	5	1.	1.	2.	0.	0.5	0.707	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	15	2.1	2.113	4.	0.5	1.008	1.004	0.56	1.4	2.8	3.64
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	15	0.1	0.16	0.4	0.05	0.016	0.127	0.05	0.05	0.3	0.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	16	1.75	1.65	3.	0.5	0.745	0.863	0.57	0.775	2.375	2.86
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	15	0.3	0.293	0.4	0.1	0.012	0.11	0.1	0.2	0.4	0.4
00932p	SODIUM, PERCENT	03/12/68-01/31/86	15	38.	36.4	50.	21.	66.4	8.149	23.4	30.	43.	47.6
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	16	0.2	0.256	0.6	0.1	0.024	0.155	0.1	0.1	0.375	0.53
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	16	1.5	2.266	6.	0.05	3.966	1.991	0.05	0.525	4.	5.3
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	15	0.8	1.073	2.	0.2	0.509	0.714	0.26	0.5	2.	2.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	6 ##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	6	7.05	6.733	8.6	4.6	3.391	1.841	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	13	18.	20.385	34.	10.	68.756	8.292	10.	13.	28.5	32.4
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	5	24.	21.8	27.	13.	28.7	5.357	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	15	10.1	34.999	141.	0.91	1824.736	42.717	1.474	4.01	63.2	115.38
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	14	0.03	0.029	0.05	0.01	0.	0.012	0.01	0.02	0.04	0.045
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	4	1.5	1.75	3.	1.	0.917	0.957	**	**	**	**

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Annual Analysis for 1979 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	11	6.	7.282	14.5	0.5	22.284	4.721	0.8	4.	10.6	14.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	12	170.5	300.333	1750.	9.	232178.242	481.849	9.6	62.75	322.25	1388.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	11	21.	21.182	33.	7.	80.364	8.965	8.	13.	28.	33.
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	9	10.6	10.733	12.4	9.	1.51	1.229	9.	9.8	11.9	12.4
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	10	7.	6.98	7.9	6.1	0.28	0.529	6.13	6.55	7.225	7.87
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	10	7.	6.712	7.9	6.1	0.359	0.599	6.13	6.55	7.225	7.87
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	10	0.1	0.194	0.794	0.013	0.058	0.24	0.014	0.066	0.288	0.755
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	10	5.5	5.	9.	1.	8.444	2.906	1.1	2.	7.25	8.9
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	9	0.03	0.03	0.06	0.01	0.	0.02	0.01	0.01	0.05	0.06
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	4	0.03	0.03	0.05	0.01	0.	0.018	**	**	**	**
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	4	0.015	0.015	0.03	0.	0.	0.017	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	10	0.01	0.015	0.08	0.	0.001	0.023	0.001	0.005	0.01	0.073
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	4	0.008	0.006	0.01	0.	0.	0.005	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	10	6.5	5.6	8.	1.	6.267	2.503	1.2	3.	8.	8.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	9	2.	1.889	5.	0.	3.111	1.764	0.	0.	3.	5.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	10	2.15	1.89	3.	0.2	0.937	0.968	0.27	0.9	2.75	2.99
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	10	0.2	0.19	0.4	0.	0.014	0.12	0.01	0.1	0.3	0.39
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	10	1.6	1.59	3.	0.5	0.637	0.798	0.52	0.925	2.1	2.94
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	10	0.3	0.3	0.5	0.2	0.009	0.094	0.2	0.2	0.325	0.49
00932p	SODIUM, PERCENT	03/12/68-01/31/86	10	36.5	36.6	44.	25.	29.6	5.441	25.9	34.	41.5	43.9
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	10	0.3	0.35	0.6	0.2	0.021	0.143	0.2	0.2	0.5	0.59

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

Annual Analysis for 1979 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	10	3.	2.47	4.	0.4	2.556	1.599	0.42	0.675	4.	4.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	10	2.	1.57	3.	0.	0.756	0.869	0.08	0.875	2.	2.9
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	9	0.05	0.056	0.1	0.	0.002	0.039	0.	0.025	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	9	4.7	5.333	8.2	2.7	4.215	2.053	2.7	3.35	7.15	8.2
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	10	19.	17.4	24.	7.	21.156	4.6	7.7	14.75	20.	23.6
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	9	18.	15.778	22.	7.	32.444	5.696	7.	9.5	20.	22.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	10	8.02	14.745	89.8	0.56	714.69	26.734	0.564	2.535	11.15	82.19
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	10	0.03	0.025	0.03	0.01	0.	0.007	0.011	0.02	0.03	0.03
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	2	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 box-and-whisker plot

Annual Analysis for 1980 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	17	4.	5.706	14.5	0.5	21.752	4.664	0.5	1.	10.25	12.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	17	167.	449.706	2270.	17.	492896.846	702.066	21.	24.5	635.	2190.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	11	24.	22.	40.	8.	102.4	10.119	8.4	10.	29.	38.2
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	12	10.7	10.583	12.6	8.7	1.494	1.222	8.79	9.55	11.6	12.48
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	12	6.65	6.7	7.	6.4	0.053	0.23	6.4	6.5	6.9	7.
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	12	6.647	6.646	7.	6.4	0.056	0.236	6.4	6.5	6.9	7.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	12	0.225	0.226	0.398	0.1	0.013	0.113	0.1	0.126	0.316	0.398
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	12	6.5	6.417	9.	2.	4.265	2.065	2.6	5.25	8.	9.
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	2	0.26	0.26	0.42	0.1	0.051	0.226	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	11	0.01	0.013	0.04	0.	0.	0.013	0.	0.	0.02	0.038
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	11	0.02	0.017	0.05	0.	0.	0.018	0.	0.	0.03	0.048
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	8	0.045	0.056	0.15	0.	0.003	0.059	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	11	0.02	0.027	0.07	0.	0.001	0.024	0.002	0.01	0.04	0.07
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	8	0.015	0.019	0.05	0.	0.	0.02	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	11	6.	5.909	9.	2.	5.291	2.3	2.2	4.	8.	8.8
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	11	0.	0.273	2.	0.	0.418	0.647	0.	0.	0.	1.8
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	12	2.05	1.983	2.9	1.	0.471	0.686	1.	1.375	2.625	2.9
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	11	0.2	0.209	0.5	0.	0.023	0.151	0.02	0.1	0.3	0.48
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	12	1.8	1.683	2.8	0.6	0.507	0.712	0.72	1.025	2.25	2.74
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	11	0.3	0.318	0.5	0.2	0.008	0.087	0.2	0.3	0.4	0.48
00932p	SODIUM, PERCENT	03/12/68-01/31/86	11	36.	36.727	51.	28.	41.018	6.405	28.6	31.	39.	49.6
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	12	0.4	0.4	0.8	0.1	0.036	0.191	0.13	0.225	0.5	0.74
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	12	2.5	2.25	5.	0.	3.425	1.851	0.03	0.425	3.75	5.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	12	0.75	0.933	4.	0.	1.21	1.1	0.06	0.2	0.9	3.4
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	11	0.1	0.1	0.2	0.	0.002	0.045	0.02	0.1	0.1	0.18
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	11	7.6	6.855	9.5	2.8	5.617	2.37	2.84	4.6	8.9	9.4
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	10	20.	18.	25.	9.	39.556	6.289	9.1	10.75	24.25	25.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	10	21.5	19.9	29.	9.	38.544	6.208	9.4	13.75	23.75	28.7
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	12	10.165	17.348	64.4	1.15	505.991	22.494	1.18	1.365	22.85	63.47
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	11	0.03	0.026	0.04	0.01	0.	0.009	0.01	0.02	0.03	0.038
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	11	2.	2.409	9.	0.	5.841	2.417	0.1	1.	3.	7.8

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

Annual Analysis for 1981 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	11	7.5	8.318	16.	1.5	28.814	5.368	1.7	2.5	14.	15.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	12	58.5	214.917	936.	10.	107213.538	327.435	12.4	20.25	234.	912.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	11	23.	23.727	38.	11.	89.618	9.467	11.	13.	33.	37.4
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	10	10.05	10.14	12.	8.3	1.896	1.377	8.32	8.575	11.5	11.95
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	11	6.1	6.082	6.5	5.6	0.064	0.252	5.64	6.	6.2	6.48
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	11	6.1	6.014	6.5	5.6	0.069	0.262	5.64	6.	6.2	6.48
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	11	0.794	0.969	2.512	0.316	0.38	0.617	0.333	0.631	1.	2.326
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	11	6.	5.727	9.	3.	3.618	1.902	3.2	4.	7.	8.8
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	9	0.62	0.79	1.7	0.24	0.32	0.566	0.24	0.3	1.4	1.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	10	0.04	0.062	0.16	0.	0.003	0.05	0.003	0.034	0.088	0.158
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	10	0.565	0.798	1.7	0.3	0.284	0.533	0.306	0.368	1.425	1.68
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	10	0.028	0.043	0.16	0.	0.003	0.051	0.	0.008	0.06	0.153
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	11	0.03	0.036	0.1	0.	0.001	0.037	0.	0.	0.05	0.1
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	9	0.02	0.038	0.12	0.02	0.001	0.033	0.02	0.02	0.045	0.12
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	11	7.	7.182	12.	3.	6.564	2.562	3.2	6.	9.	11.6
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	9	1.	1.333	4.	0.	2.75	1.658	0.	0.	3.	4.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	11	2.3	2.345	3.8	1.1	0.763	0.873	1.1	1.9	3.2	3.74
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	11	0.3	0.307	0.7	0.08	0.032	0.178	0.084	0.2	0.4	0.66
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	11	2.1	2.191	3.4	1.	0.575	0.758	1.02	1.8	2.6	3.36
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	11	0.4	0.355	0.4	0.2	0.005	0.069	0.22	0.3	0.4	0.4
00932p	SODIUM, PERCENT	03/12/68-01/31/86	11	39.	38.364	44.	35.	6.855	2.618	35.	36.	40.	43.2
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	11	0.5	0.427	0.6	0.1	0.022	0.149	0.12	0.4	0.5	0.58
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	11	3.	2.982	5.	0.3	2.854	1.689	0.34	2.	5.	5.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	9 ##	2.5	1.867	2.5	0.6	0.717	0.847	0.6	0.85	2.5	2.5
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	11	0.1	0.073	0.1	0.	0.002	0.047	0.	0.	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	11	5.4	6.045	10.	3.5	3.793	1.947	3.64	4.5	7.5	9.58
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	10	22.	22.	31.	10.	49.333	7.024	10.5	16.5	28.25	30.8
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	5	21.	20.6	32.	9.	102.3	10.114	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	11	3.93	8.845	37.9	0.85	129.214	11.367	0.914	1.24	12.1	34.48
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	11	0.03	0.028	0.04	0.01	0.	0.011	0.012	0.02	0.04	0.04
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	9	1.	1.889	7.	1.	3.861	1.965	1.	1.	2.	7.

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

Annual Analysis for 1982 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	14	5.75	6.571	14.5	0.5	24.725	4.972	1.	2.375	11.125	14.25
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	14	291.	594.143	2020.	38.	395722.747	629.065	40.5	124.5	1006.	1800.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	10	17.5	16.8	24.	6.	38.622	6.215	6.2	12.5	22.5	24.
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	10	11.1	10.74	13.2	8.	2.665	1.632	8.11	9.175	11.925	13.08
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	10	6.05	6.19	6.9	5.7	0.148	0.384	5.72	5.9	6.6	6.87
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	10	6.047	6.067	6.9	5.7	0.164	0.405	5.72	5.9	6.6	6.87
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	10	0.897	0.857	1.995	0.126	0.331	0.576	0.138	0.251	1.259	1.922
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	10	4.	5.	9.	2.	6.667	2.582	2.	2.75	8.	8.9
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	7	0.46	0.491	0.92	0.29	0.044	0.21	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	9	0.08	0.076	0.13	0.03	0.001	0.034	0.03	0.045	0.1	0.13
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	10	0.58	0.572	1.	0.19	0.049	0.221	0.208	0.43	0.658	0.98
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	9 ##	0.05	0.049	0.05	0.045	0.	0.002	0.045	0.05	0.05	0.05
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	10 ##	0.05	0.054	0.1	0.045	0.	0.016	0.046	0.05	0.05	0.095
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	10	0.01	0.015	0.05	0.005	0.	0.014	0.005	0.005	0.02	0.047
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	10	5.	4.8	7.	2.	3.511	1.874	2.	3.5	6.25	7.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	8	0.	0.125	1.	0.	0.125	0.354	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	10	1.65	1.56	2.2	0.7	0.292	0.54	0.71	1.1	2.025	2.19
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	10	0.2	0.198	0.3	0.03	0.011	0.106	0.032	0.088	0.3	0.3
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	10	1.35	1.31	2.1	0.5	0.29	0.538	0.51	0.9	1.75	2.08

** - 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 1982 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	10	0.3	0.27	0.4	0.2	0.005	0.067	0.2	0.2	0.3	0.39
00932p	SODIUM, PERCENT	03/12/68-01/31/86	10	34.5	34.6	39.	30.	5.378	2.319	30.3	33.75	36.	38.7
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	10	0.4	0.41	0.6	0.3	0.008	0.088	0.3	0.375	0.425	0.59
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	10	1.5	1.32	2.	0.3	0.551	0.742	0.31	0.625	2.	2.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	10 ##	0.05	0.09	0.4	0.	0.013	0.113	0.005	0.05	0.1	0.37
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	10	6.35	6.4	10.	2.8	6.06	2.462	2.85	3.9	8.75	9.89
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	8	19.	16.313	23.	2.5	57.353	7.573	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	4	24.	24.5	28.	22.	9.	3.	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	8	11.55	27.596	92.5	1.44	1218.032	34.9	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	8	0.03	0.028	0.04	0.01	0.	0.009	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	6	1.5	2.833	7.	1.	6.567	2.563	**	**	**	**

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Annual Analysis for 1983 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	5	3.4	6.68	13.5	2.5	26.737	5.171	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	5	238.	498.	1200.	141.	216231.5	465.007	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	5	19.	17.4	25.	7.	46.8	6.841	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	5	11.4	10.78	11.8	9.1	1.382	1.176	**	**	**	**
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	4	6.25	6.275	6.7	5.9	0.149	0.386	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	4	6.182	6.159	6.7	5.9	0.167	0.409	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	4	0.658	0.694	1.259	0.2	0.267	0.516	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	5	5.	5.	8.	3.	4.5	2.121	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	5	0.4	0.38	0.5	0.3	0.007	0.084	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	5	0.02	0.019	0.03	0.005	0.	0.011	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	5 ##	0.005	0.013	0.03	0.005	0.	0.012	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	5	1.8	1.8	2.5	1.1	0.29	0.539	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	5	0.2	0.18	0.2	0.1	0.002	0.045	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	5	1.5	1.32	1.9	0.6	0.267	0.517	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932p	SODIUM, PERCENT	03/12/68-01/31/86	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	5	0.4	0.38	0.5	0.3	0.007	0.084	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	5	1.	1.3	2.	0.5	0.45	0.671	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	5	1.	1.2	2.	1.	0.2	0.447	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	5	7.8	6.32	8.5	3.1	5.797	2.408	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	5	15.	12.4	19.	3.	44.8	6.693	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	1	24.	24.	24.	24.	0.	0.	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	1	8.26	8.26	8.26	8.26	0.	0.	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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Annual Analysis for 1984 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	5	3.2	5.72	14.	2.	26.352	5.133	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	5	154.	515.4	1960.	106.	655437.8	809.591	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	4	14.5	13.5	22.	3.	75.	8.66	**	**	**	**

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Annual Analysis for 1984 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	4	11.2	11.05	12.	9.8	1.003	1.002	**	**	**	**
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	4	6.3	6.35	6.5	6.3	0.01	0.1	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	4	6.3	6.342	6.5	6.3	0.01	0.1	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	4	0.501	0.455	0.501	0.316	0.009	0.092	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	4	7.5	7.25	10.	4.	7.583	2.754	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	4	0.25	0.225	0.3	0.1	0.009	0.096	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	4 ##	0.05	0.163	0.5	0.05	0.051	0.225	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	4	0.015	0.026	0.07	0.005	0.001	0.03	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	4 ##	0.013	0.02	0.05	0.005	0.	0.021	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	3	2.1	1.7	2.2	0.8	0.61	0.781	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	3	0.2	0.187	0.3	0.06	0.015	0.121	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	3	1.7	1.4	2.	0.5	0.63	0.794	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	3	0.4	0.367	0.4	0.3	0.003	0.058	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	3	2.	1.767	3.	0.3	1.863	1.365	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	3	5.4	5.933	9.4	3.	10.453	3.233	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	3	17.	14.667	18.	9.	24.333	4.933	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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Annual Analysis for 1985 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	14	2.	4.464	17.	2.	29.633	5.444	2.	2.	3.125	17.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	5	84.	324.2	1320.	53.	310048.2	556.82	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	13	43.	37.077	45.	6.	151.91	12.325	12.	32.	44.5	45.
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	13	12.	11.8	14.	8.4	1.46	1.208	9.52	11.7	12.2	13.28
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	13	6.6	6.569	7.4	5.9	0.147	0.384	5.98	6.4	6.7	7.28
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	13	6.6	6.429	7.4	5.9	0.168	0.41	5.98	6.4	6.7	7.28
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	13	0.251	0.372	1.259	0.04	0.106	0.325	0.056	0.2	0.398	1.073
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	4	6.5	7.25	11.	5.	6.917	2.63	**	**	**	**
00605p	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	4	0.5	0.625	1.2	0.3	0.156	0.395	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	4 ##	0.008	0.013	0.03	0.005	0.	0.012	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	4 ##	0.013	0.025	0.07	0.005	0.001	0.031	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	4	1.95	1.85	2.5	1.	0.47	0.686	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	4	0.2	0.175	0.2	0.1	0.003	0.05	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	4	1.5	1.525	2.3	0.8	0.482	0.695	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00932p	SODIUM, PERCENT	03/12/68-01/31/86	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	4	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	4	2.5	2.4	4.	0.6	2.107	1.451	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	4	2.	1.75	2.	1.	0.25	0.5	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	4	5.4	5.475	7.9	3.2	3.929	1.982	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	4	17.5	20.25	32.	14.	72.25	8.5	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	2	15.	15.	19.	11.	32.	5.657	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**

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Annual Analysis for 1986 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	4	6.75	7.375	12.5	3.5	14.396	3.794	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	4	239.	522.	1590.	20.	522306.	722.707	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	4	14.	17.75	37.	6.	195.583	13.985	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	3	10.6	10.567	11.8	9.3	1.563	1.25	**	**	**	**
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	4	6.75	6.738	6.85	6.6	0.012	0.111	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	4	6.747	6.727	6.85	6.6	0.012	0.112	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	4	0.179	0.188	0.251	0.141	0.002	0.049	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	4	5.5	6.75	12.	4.	12.917	3.594	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	4 ##	0.008	0.013	0.03	0.005	0.	0.012	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	4 ##	0.15	0.15	0.2	0.1	0.003	0.058	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	4 ##	0.008	0.013	0.03	0.005	0.	0.012	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	4	1.55	1.95	3.7	1.	1.63	1.277	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	4	0.15	0.19	0.4	0.06	0.023	0.152	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	4	1.4	1.6	3.	0.6	1.12	1.058	**	**	**	**
00931p	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932p	SODIUM, PERCENT	03/12/68-01/31/86	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	4	0.5	0.5	0.7	0.3	0.033	0.183	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	4	1.8	2.25	5.	0.4	4.757	2.181	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	4	1.	0.975	1.	0.9	0.002	0.05	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	4	6.	6.775	12.	3.1	16.163	4.02	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	4	16.	16.	24.	8.	59.333	7.703	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	2	15.5	15.5	20.	11.	40.5	6.364	**	**	**	**

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

Annual Analysis for 1987 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	20	2.5	4.3	13.5	0.5	17.774	4.216	0.5	0.5	9.	9.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	5	72.	174.4	693.	12.	85133.3	291.776	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	19	21.	22.947	42.	7.	202.497	14.23	7.	7.	41.	42.
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	19	11.8	11.184	12.3	9.2	1.311	1.145	9.8	9.9	12.2	12.3
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	19	7.1	7.142	7.5	6.8	0.069	0.263	6.9	6.9	7.5	7.5
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	19	7.1	7.076	7.5	6.8	0.074	0.272	6.9	6.9	7.5	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	19	0.079	0.084	0.158	0.032	0.002	0.042	0.032	0.032	0.126	0.126
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	4	7.5	8.75	16.	4.	30.25	5.5	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	4	0.015	0.019	0.04	0.005	0.	0.015	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	4	0.4	0.375	0.6	0.1	0.043	0.206	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	4 ##	0.05	0.044	0.05	0.025	0.	0.013	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	4	0.01	0.011	0.02	0.005	0.	0.006	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	4	1.9	2.2	4.1	0.9	1.887	1.374	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	4	0.2	0.24	0.5	0.06	0.034	0.185	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	4	1.65	1.825	3.3	0.7	1.249	1.118	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	4	0.3	0.363	0.8	0.05	0.106	0.325	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	4	3.5	3.25	5.	1.	2.917	1.708	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	4	2.	1.875	2.5	1.	0.396	0.629	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	4	4.75	6.45	13.	3.3	19.737	4.443	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	4	18.5	20.	35.	8.	152.667	12.356	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	14	2.	2.071	5.	1.	0.995	0.997	1.	1.75	2.	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 1988 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	14	7.25	7.536	17.	1.5	22.749	4.77	2.5	3.5	11.	14.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	4	72.	269.5	920.	14.	188964.333	434.7	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	14	23.	22.429	37.	7.	199.802	14.135	7.5	8.	37.	37.
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	8	13.1	12.613	13.2	10.2	1.107	1.052	**	**	**	**
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	14	6.9	6.929	7.3	6.5	0.131	0.363	6.5	6.6	7.3	7.3
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	14	6.855	6.8	7.3	6.5	0.149	0.386	6.5	6.6	7.3	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	14	0.139	0.158	0.316	0.05	0.013	0.112	0.05	0.05	0.251	0.316
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	4	8.	9.	13.	7.	8.	2.828	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	4 ##	0.013	0.013	0.02	0.005	0.	0.009	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	4	0.3	0.275	0.4	0.1	0.016	0.126	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	4	0.015	0.015	0.02	0.01	0.	0.006	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	4	2.25	2.275	3.7	0.9	1.509	1.228	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	4	0.3	0.268	0.4	0.07	0.02	0.14	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	4	1.9	1.925	3.2	0.7	1.369	1.17	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	4	0.45	0.45	0.7	0.2	0.057	0.238	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	4	3.5	3.65	7.	0.6	8.357	2.891	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	4	1.5	1.5	2.	1.	0.333	0.577	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	4 ##	0.075	0.1	0.2	0.05	0.005	0.071	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	4	5.9	6.05	8.8	3.6	6.697	2.588	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	4	18.	19.25	33.	8.	116.917	10.813	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	14	3.	6.214	49.	1.	152.951	12.367	1.5	2.	3.25	27.5

** - 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 1989 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	9	9.	8.167	15.	0.5	15.875	3.984	0.5	6.5	9.	15.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	4	105.	207.	577.	41.	63771.333	252.53	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	9	10.	15.	38.	10.	95.5	9.772	10.	10.	18.5	38.
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	9	10.6	10.856	12.9	8.9	1.233	1.11	8.9	10.6	11.4	12.9
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	9	7.2	7.2	7.3	7.1	0.005	0.071	7.1	7.15	7.25	7.3
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	9	7.2	7.195	7.3	7.1	0.005	0.071	7.1	7.15	7.25	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	9	0.063	0.064	0.079	0.05	0.	0.01	0.05	0.057	0.071	0.079
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	3	16.	13.667	17.	8.	24.333	4.933	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	4	0.015	0.016	0.03	0.005	0.	0.011	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	4 ##	0.15	0.2	0.4	0.1	0.02	0.141	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	4	0.01	0.011	0.02	0.005	0.	0.006	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	4 ##	0.005	0.009	0.02	0.005	0.	0.008	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	4	1.75	2.	3.4	1.1	1.167	1.08	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	4	0.2	0.2	0.3	0.1	0.007	0.082	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	4	1.5	1.825	3.3	1.	1.189	1.09	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	4	0.3	0.35	0.6	0.2	0.03	0.173	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	4	1.5	2.675	7.	0.7	8.623	2.936	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	4 ##	0.5	0.875	2.	0.5	0.563	0.75	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	4 ##	0.05	0.063	0.1	0.05	0.001	0.025	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	4	5.85	5.525	6.9	3.5	2.109	1.452	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	4	15.	14.25	27.	0.	132.917	11.529	**	**	**	**
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	9	1.	1.778	4.	1.	1.694	1.302	1.	1.	3.	4.

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

Annual Analysis for 1990 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	15	8.5	12.467	19.	2.5	33.481	5.786	5.2	8.5	19.	19.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	10	2.5	60.8	439.	0.	19129.956	138.311	0.	0.	47.	407.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	15	15.	17.267	40.	10.	88.21	9.392	10.	11.	15.	35.2
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	14	10.8	9.707	12.6	7.8	2.761	1.662	7.8	8.	10.8	11.75
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	15	7.2	7.227	7.4	7.1	0.008	0.088	7.1	7.2	7.3	7.4
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	15	7.2	7.219	7.4	7.1	0.008	0.089	7.1	7.2	7.3	7.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	15	0.063	0.06	0.079	0.04	0.	0.011	0.04	0.05	0.063	0.079
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	4	0.01	0.024	0.07	0.005	0.001	0.031	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	4 ##	0.1	0.175	0.4	0.1	0.023	0.15	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	4 ##	0.125	0.425	1.4	0.05	0.427	0.654	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	4 ##	0.008	0.028	0.09	0.005	0.002	0.042	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	4 ##	0.008	0.028	0.09	0.005	0.002	0.042	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	4	2.35	2.4	3.9	1.	1.887	1.374	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	4	0.2	0.225	0.4	0.1	0.023	0.15	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	4	2.1	2.075	3.2	0.9	1.549	1.245	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	4	0.4	0.4	0.7	0.1	0.067	0.258	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	4	3.5	3.7	7.	0.8	7.96	2.821	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	4 ##	0.125	0.125	0.2	0.05	0.008	0.087	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	4	6.4	6.35	9.	3.6	7.023	2.65	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	4	20.	20.5	32.	10.	87.	9.327	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	14	1.	0.643	2.	0.	0.401	0.633	0.	0.	1.	1.5

** - 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 1991 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	19	7.8	6.789	13.	2.	12.585	3.548	2.	2.	9.5	9.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	4	110.5	207.75	604.	6.	74732.25	273.372	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	19	32.	28.842	44.	13.	137.585	11.73	14.	16.	41.	44.
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	19	11.3	11.316	12.	10.	0.371	0.609	10.	11.1	12.	12.
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	19	7.	7.016	7.4	6.4	0.11	0.332	6.4	6.9	7.4	7.4
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	19	7.	6.89	7.4	6.4	0.127	0.356	6.4	6.9	7.4	7.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	19	0.1	0.129	0.398	0.04	0.012	0.111	0.04	0.04	0.126	0.398
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	4 ##	0.008	0.01	0.02	0.005	0.	0.007	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	4 ##	0.1	0.275	0.8	0.1	0.123	0.35	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	4 ##	0.038	0.043	0.07	0.025	0.	0.022	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	4 ##	0.025	0.031	0.05	0.025	0.	0.013	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	4 ##	0.005	0.009	0.02	0.005	0.	0.008	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	5 ##	0.005	0.008	0.02	0.005	0.	0.007	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	5	1.8	2.4	4.4	1.3	1.765	1.329	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	5	0.2	0.24	0.4	0.2	0.008	0.089	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	5	1.5	2.06	3.7	0.9	1.333	1.155	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	5	0.3	0.396	0.7	0.2	0.041	0.203	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	5	2.	3.6	9.	1.	11.8	3.435	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	5	0.5	0.56	0.8	0.4	0.023	0.152	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	5	6.	5.78	9.1	3.5	4.717	2.172	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	4	21.	19.5	30.	6.	99.667	9.983	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	7	2.	1.857	2.	1.	0.143	0.378	**	**	**	**

** - 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 1992 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	9	12.8	11.122	18.	1.	26.232	5.122	1.	8.6	12.8	18.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	4	56.	208.25	690.	31.	103502.917	321.719	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	9	9.	16.556	36.	9.	142.528	11.938	9.	9.	29.5	36.
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	9	10.6	10.567	12.3	8.	1.253	1.119	8.	10.55	10.95	12.3
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	9	6.6	6.822	7.5	6.6	0.109	0.331	6.6	6.6	7.1	7.5
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	9	6.6	6.738	7.5	6.6	0.117	0.343	6.6	6.6	7.1	7.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	9	0.251	0.183	0.251	0.032	0.008	0.092	0.032	0.079	0.251	0.251
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	2 ##	0.023	0.023	0.04	0.005	0.001	0.025	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	2 ##	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	2 ##	0.013	0.013	0.025	0.	0.	0.018	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	2 ##	0.013	0.013	0.025	0.	0.	0.018	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	2	2.2	2.2	3.5	0.9	3.38	1.838	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	2	2.05	2.05	3.4	0.7	3.645	1.909	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	2	3.3	3.3	6.	0.6	14.58	3.818	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	2	0.75	0.75	0.9	0.6	0.045	0.212	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	2 ##	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	2	5.5	5.5	7.6	3.4	8.82	2.97	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	2	11.5	11.5	22.	1.	220.5	14.849	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	7	4.	4.286	5.	3.	0.571	0.756	**	**	**	**

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

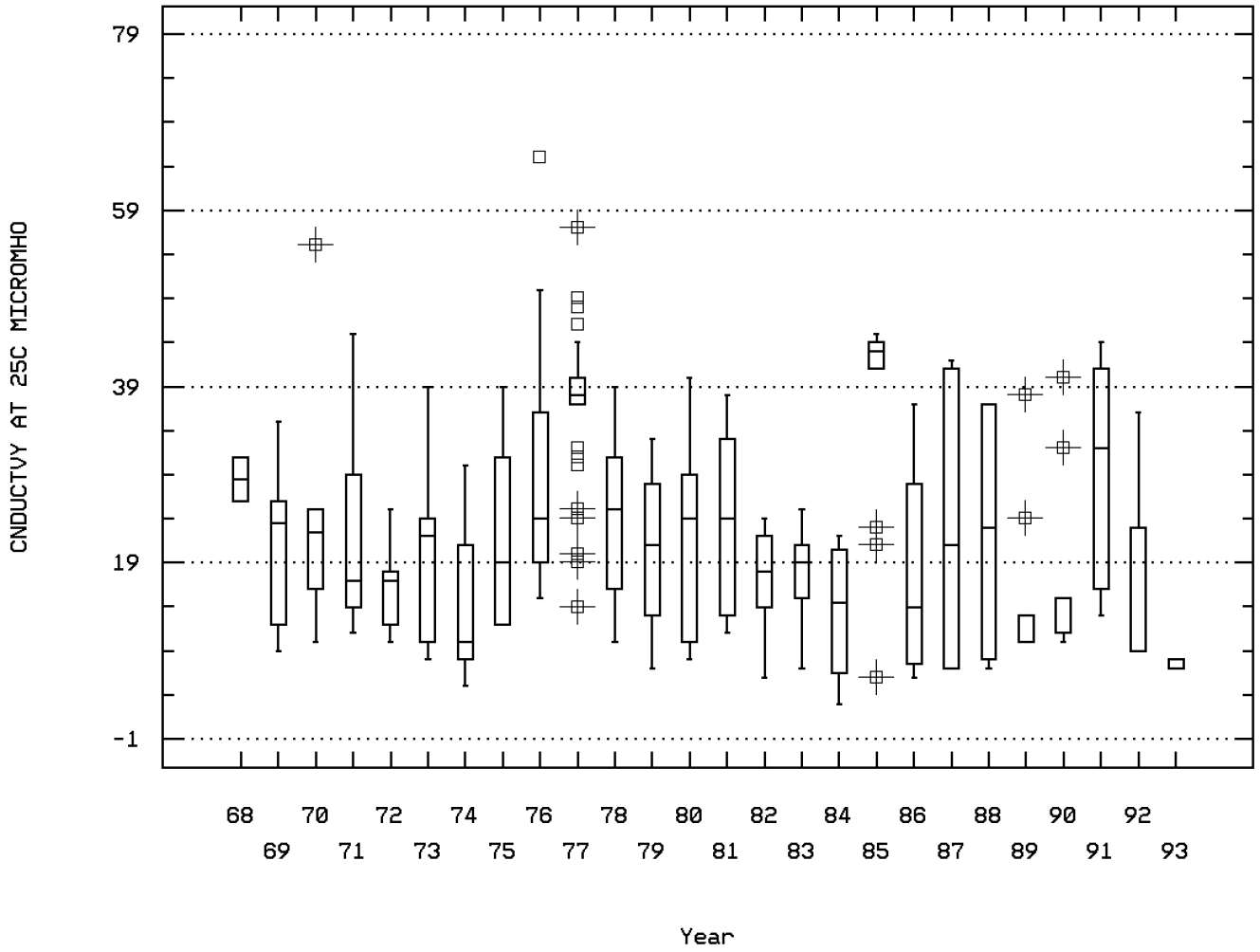
Annual Analysis for 1993 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	6	7.	7.	7.	7.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	6	7.	7.333	8.	7.	0.267	0.516	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	6	17.6	16.933	18.	14.8	1.579	1.256	**	**	**	**

** - Less than 9 observations ## - Computed 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: YOSE0047 Parameter Code: 00095

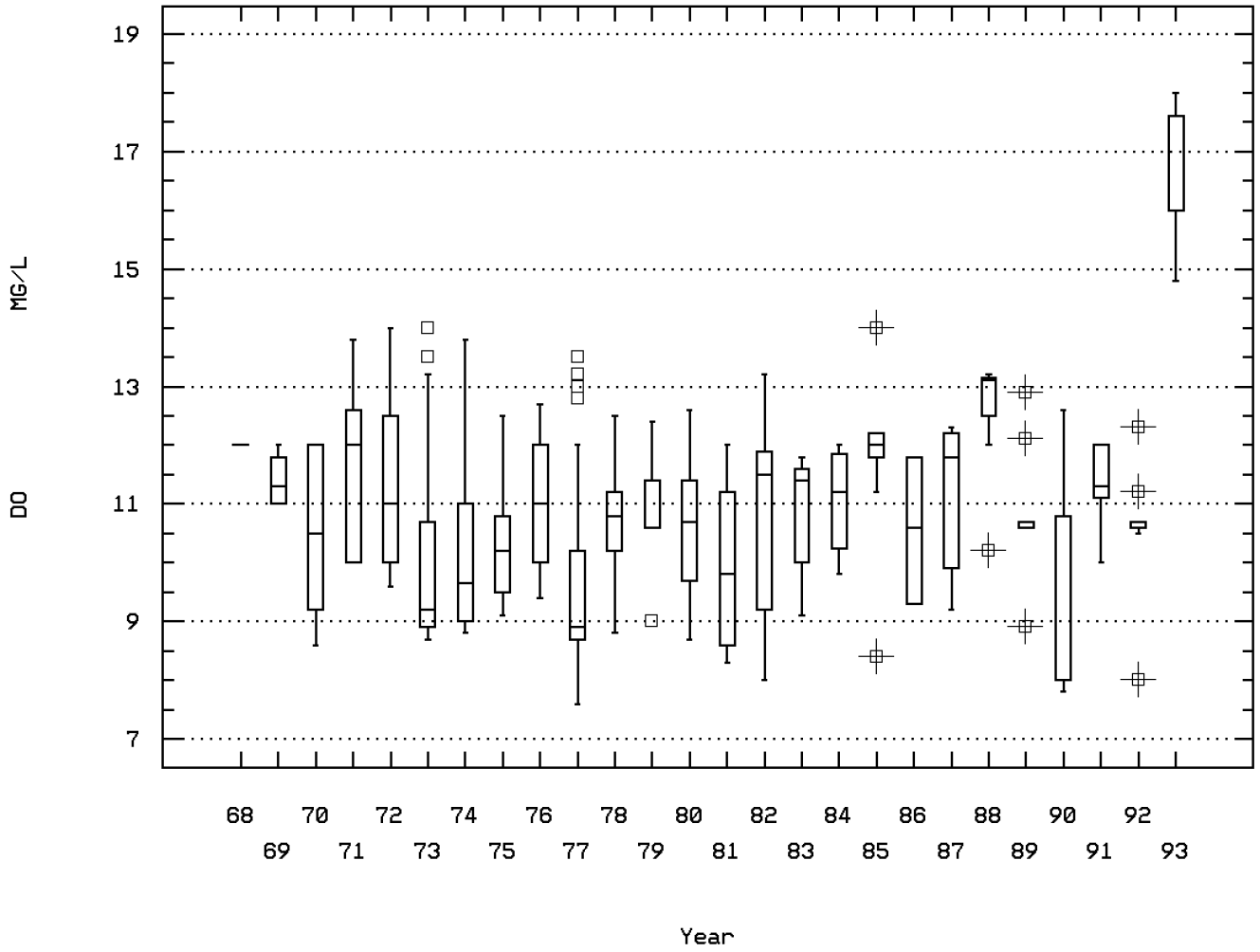
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00300

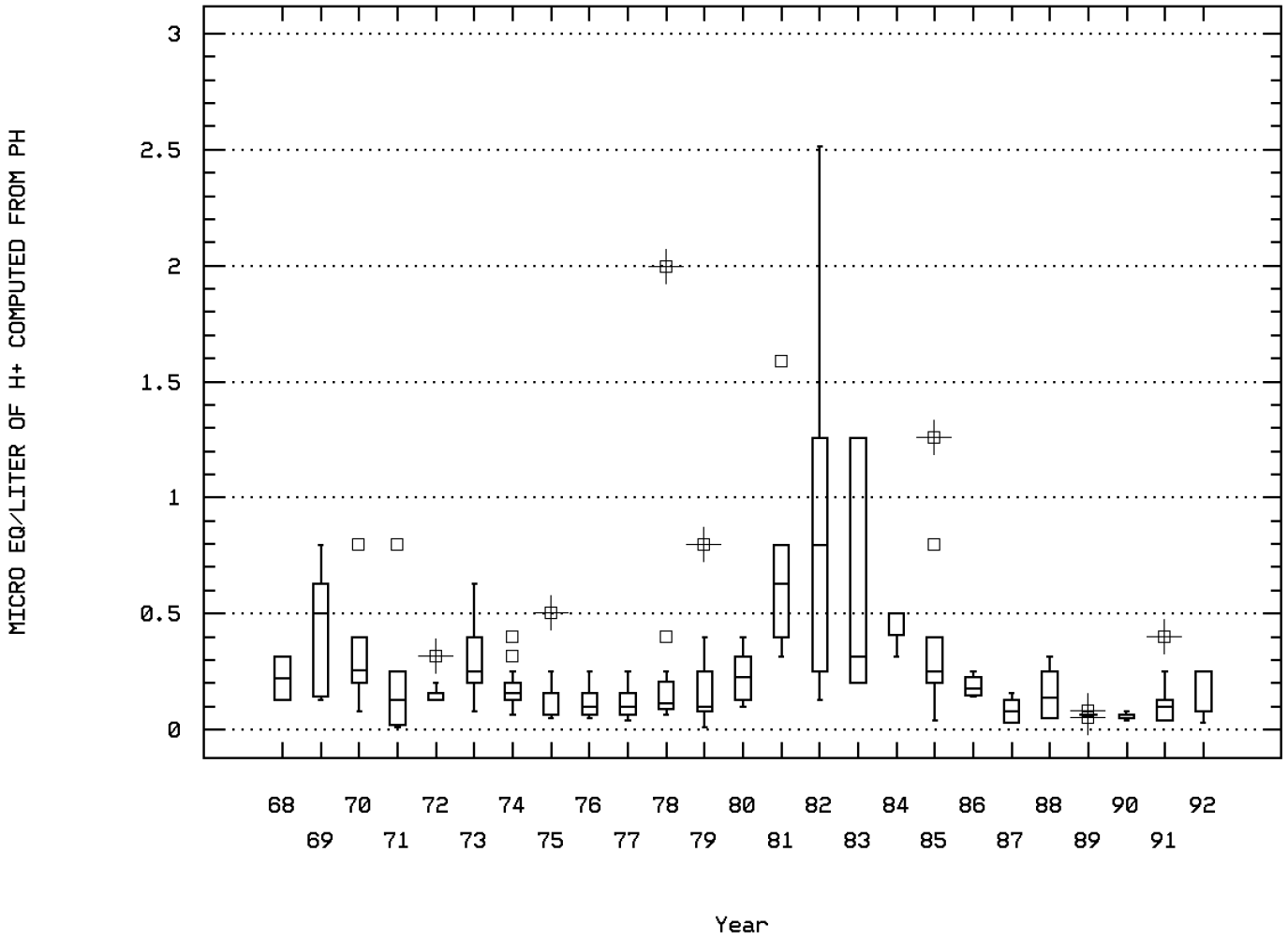
OXYGEN, DISSOLVED



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00400

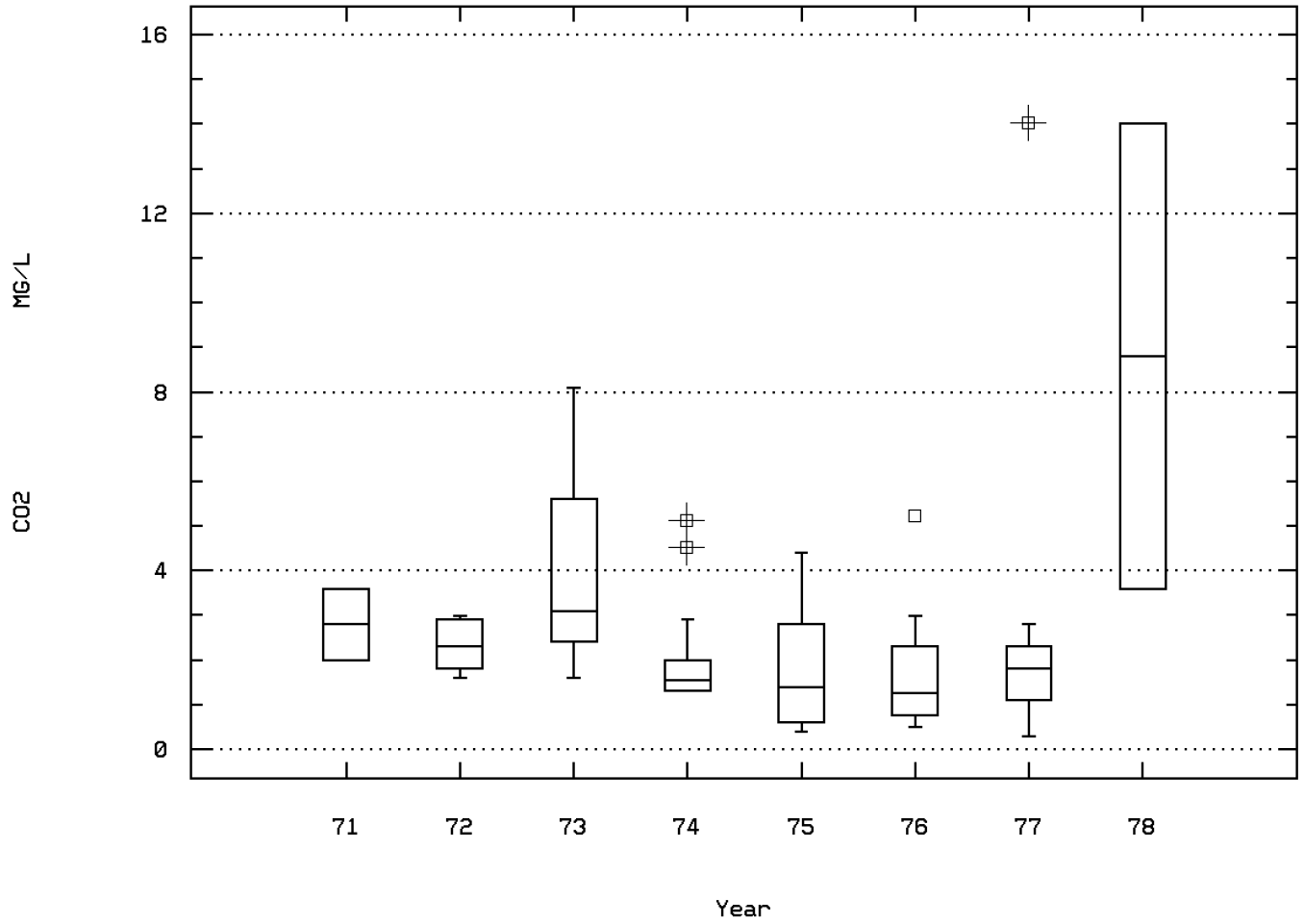
MICRO EQ/LITER OF H+ COMPUTED FROM PH



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00405

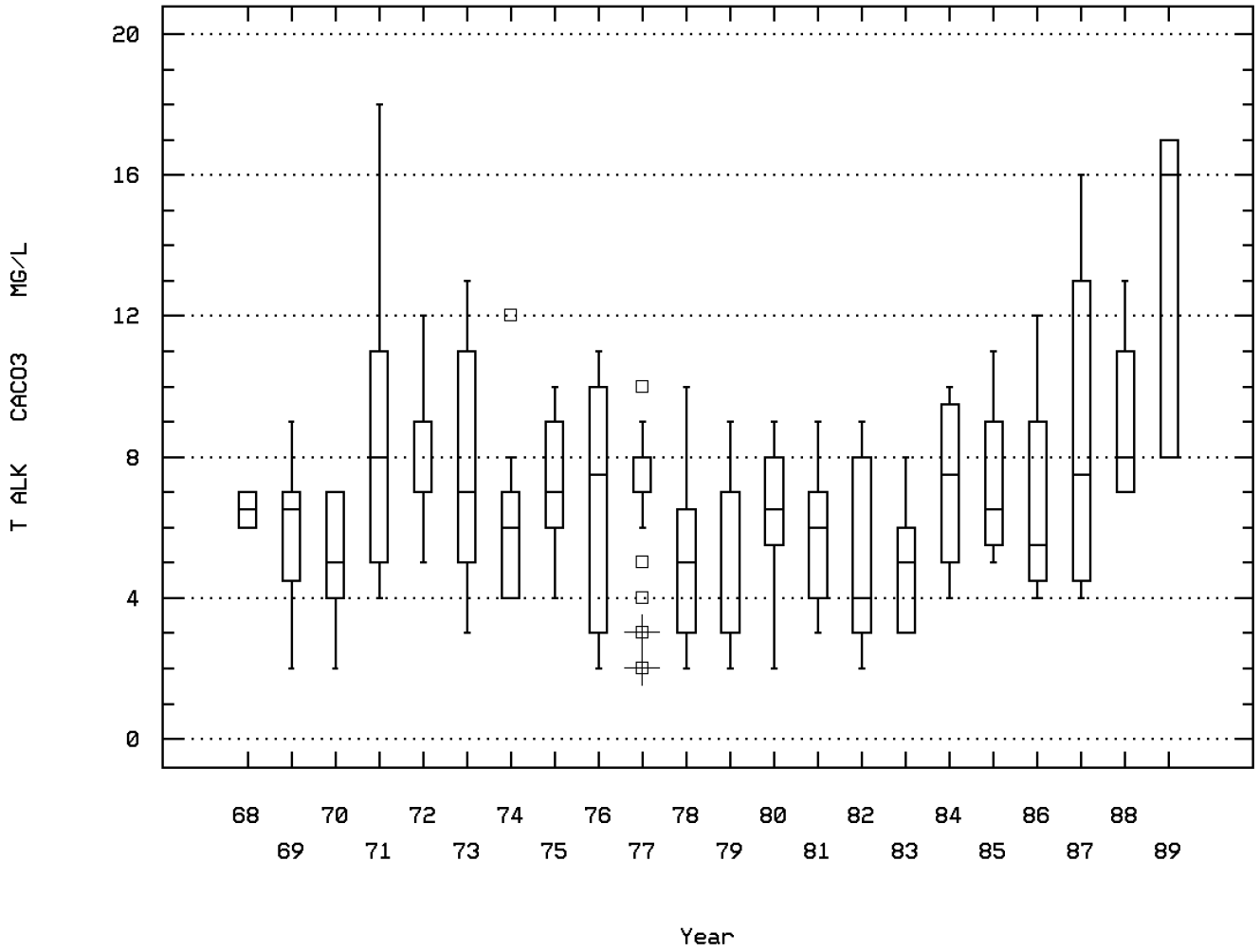
CARBON DIOXIDE (MG/L AS CO2)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00410

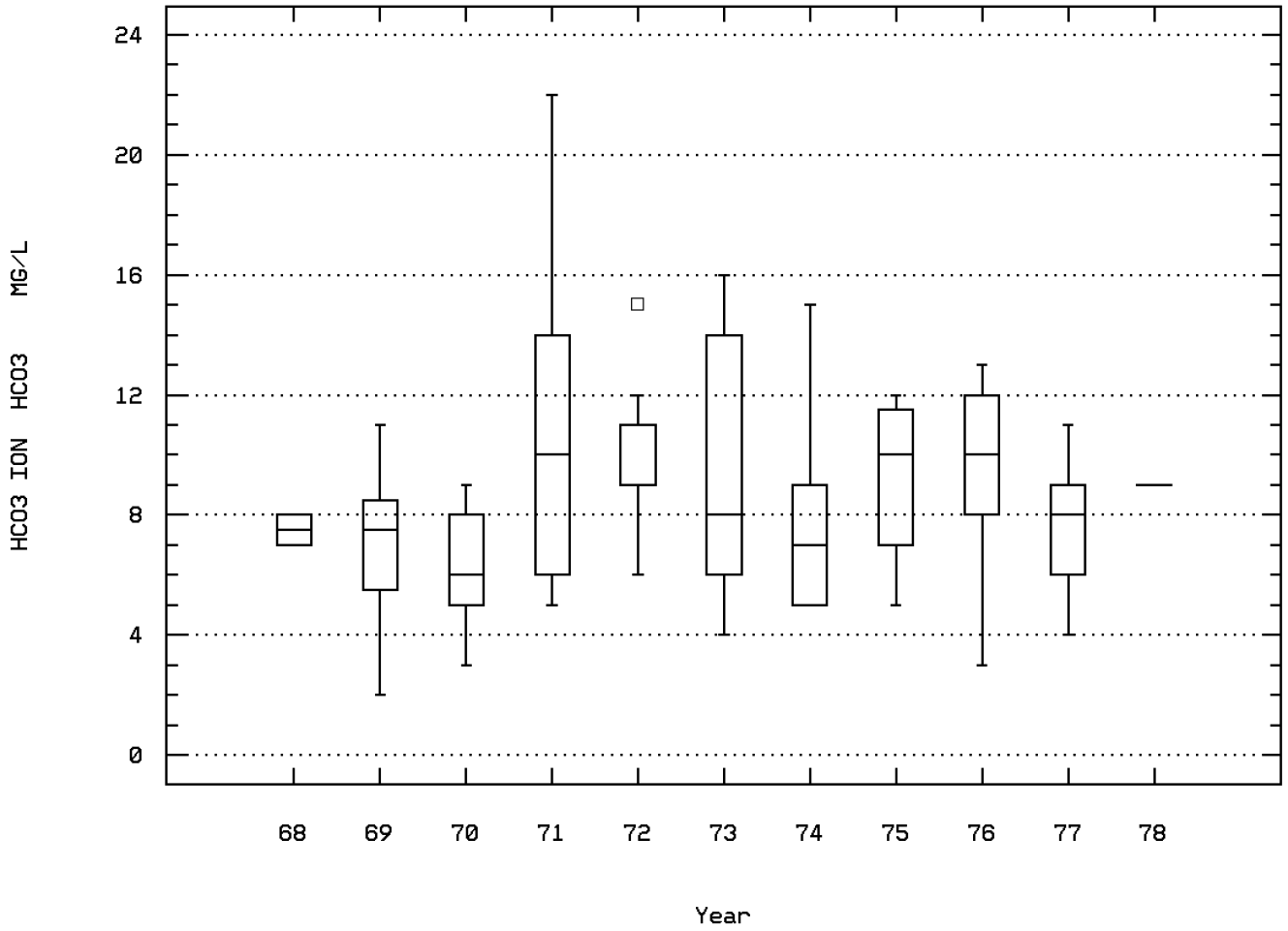
ALKALINITY, TOTAL (MG/L AS CACO3)



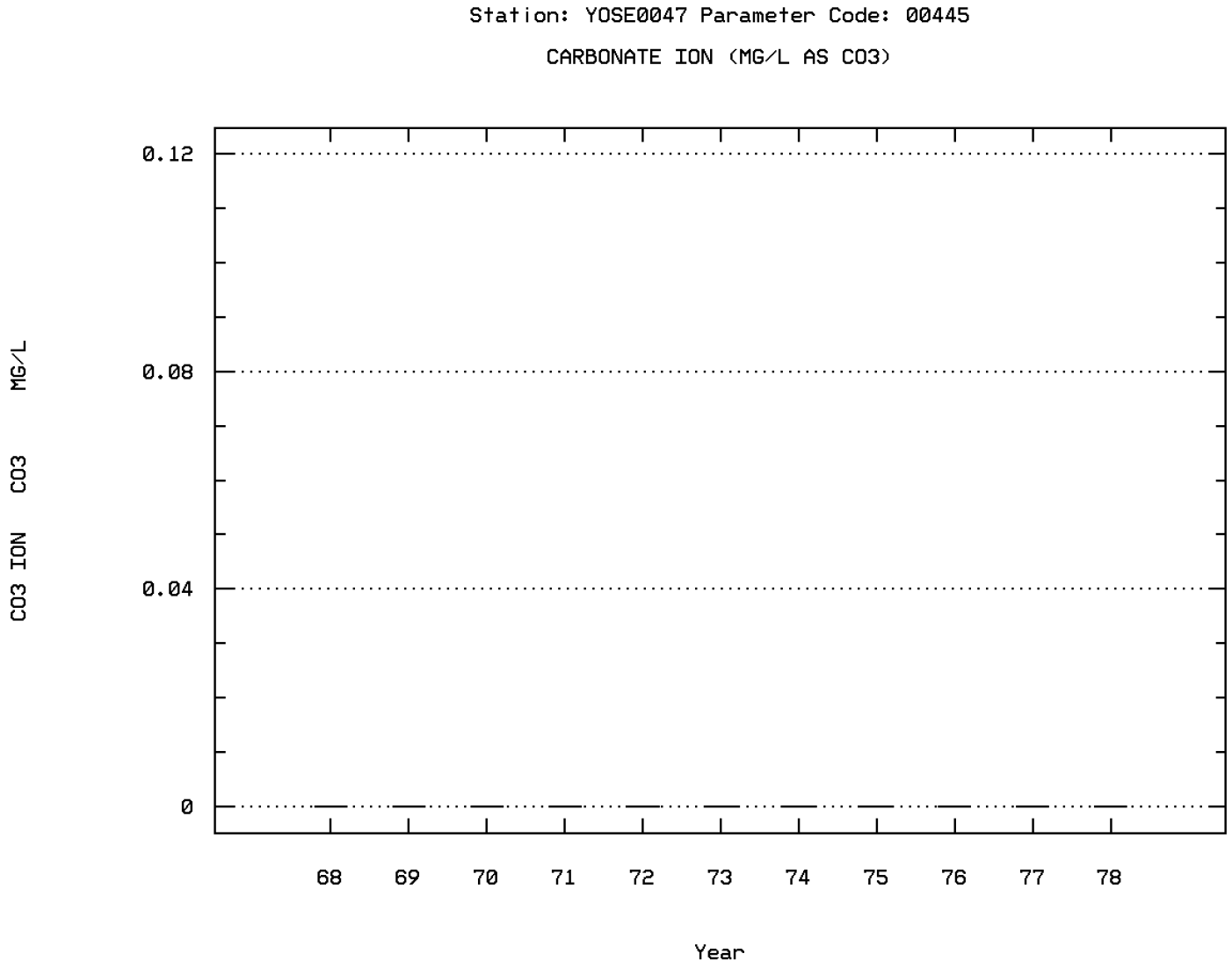
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00440

BICARBONATE ION (MG/L AS HCO3)



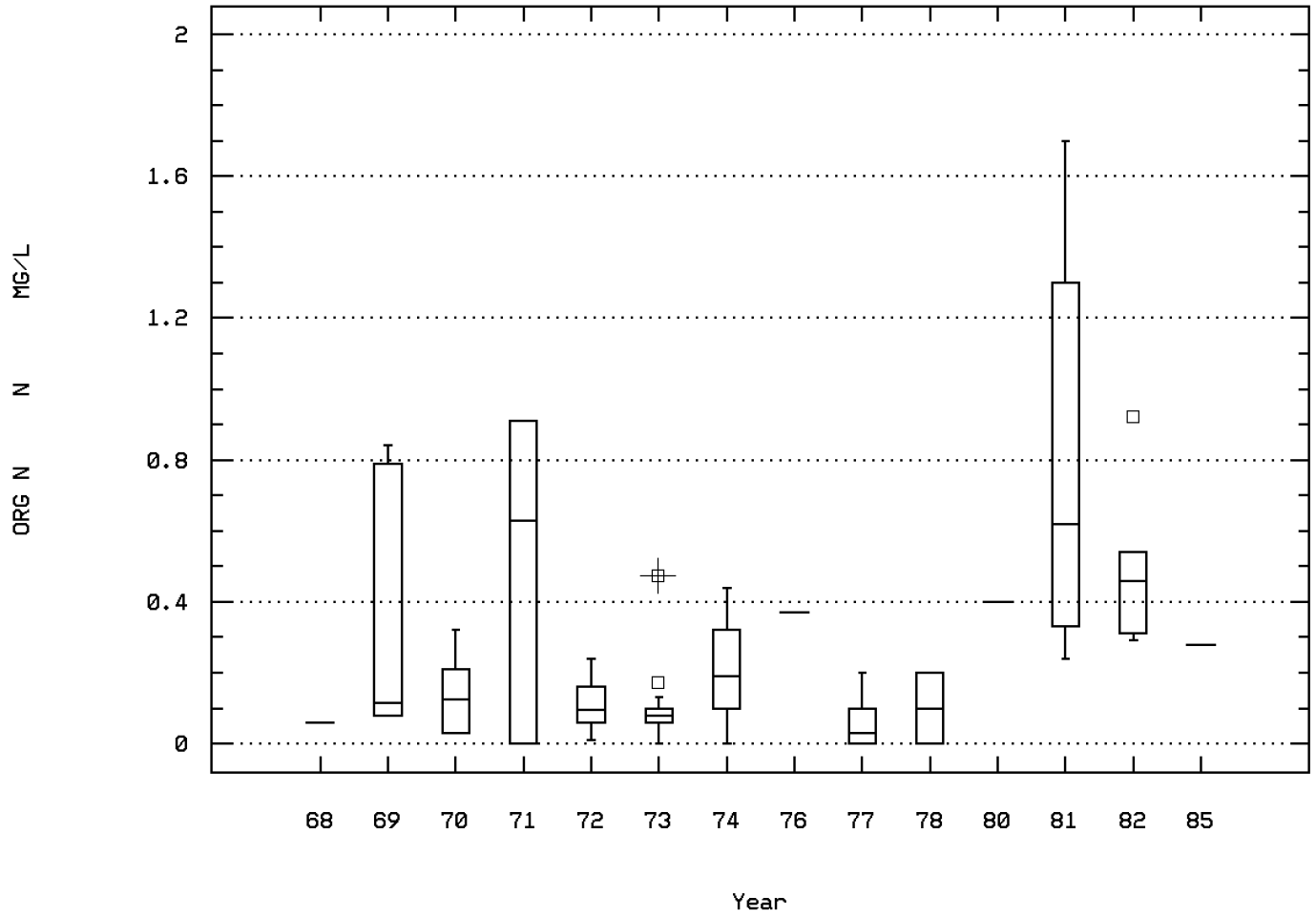
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00605

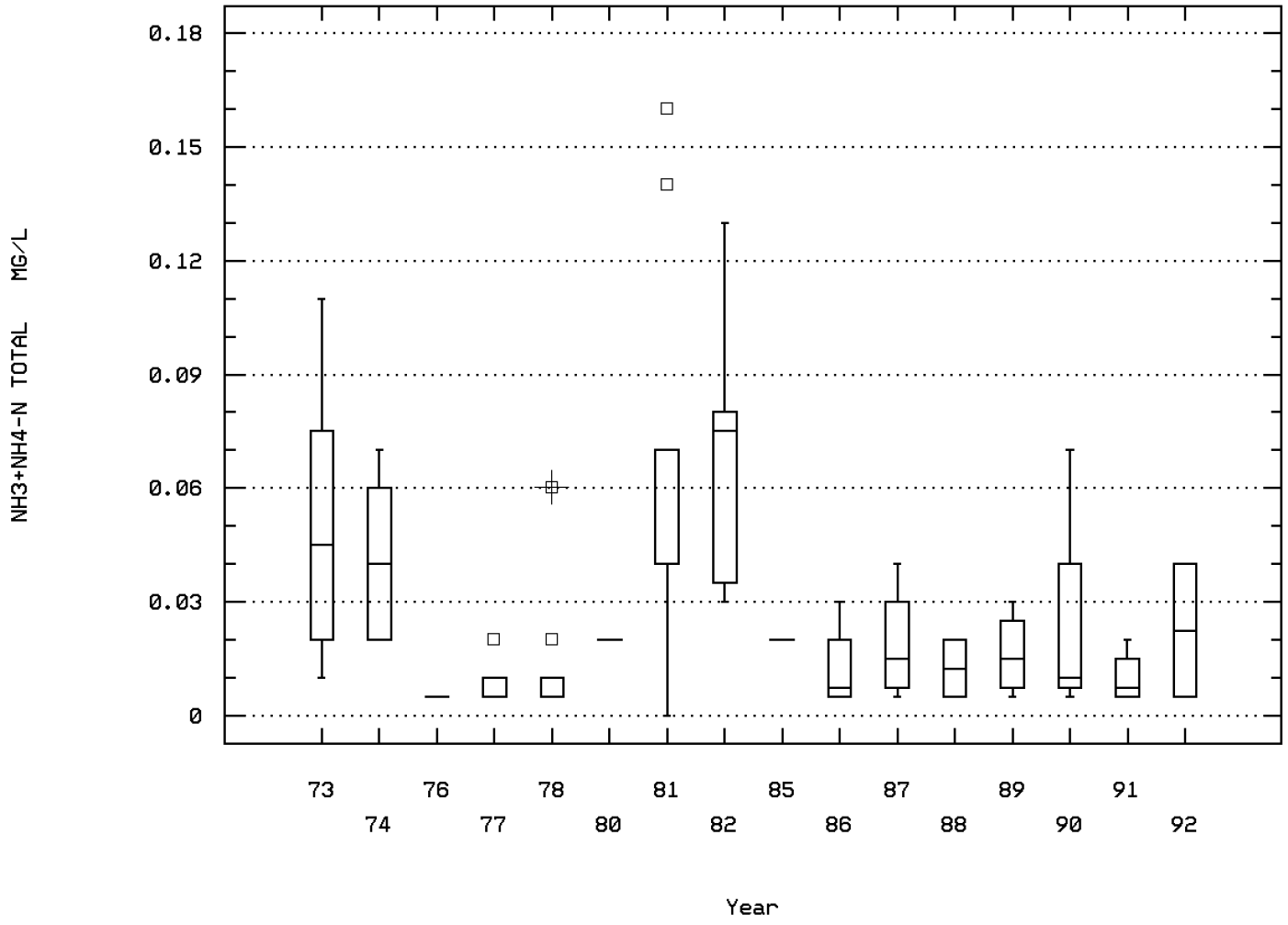
NITROGEN, ORGANIC, TOTAL (MG/L AS N)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00610

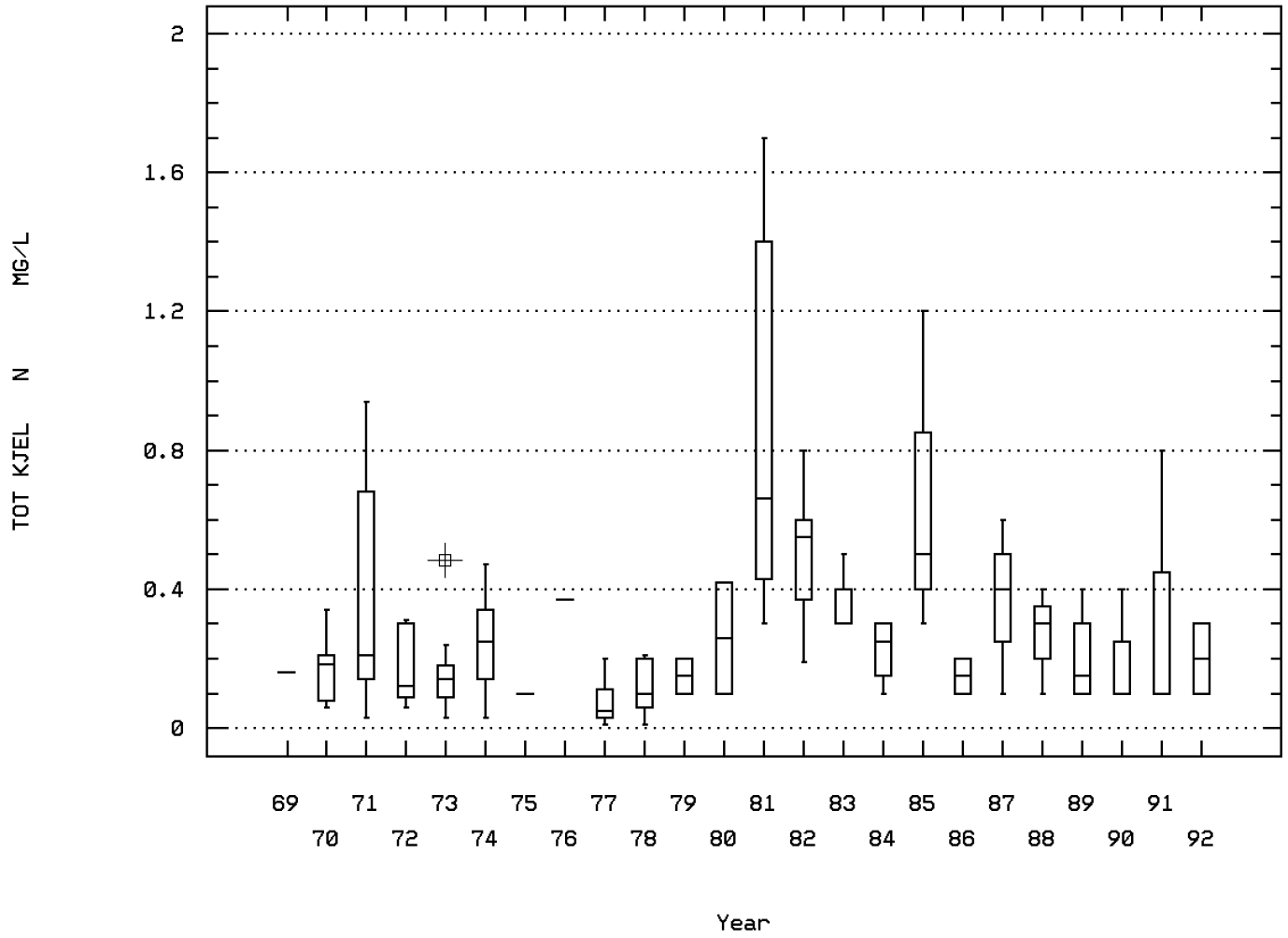
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



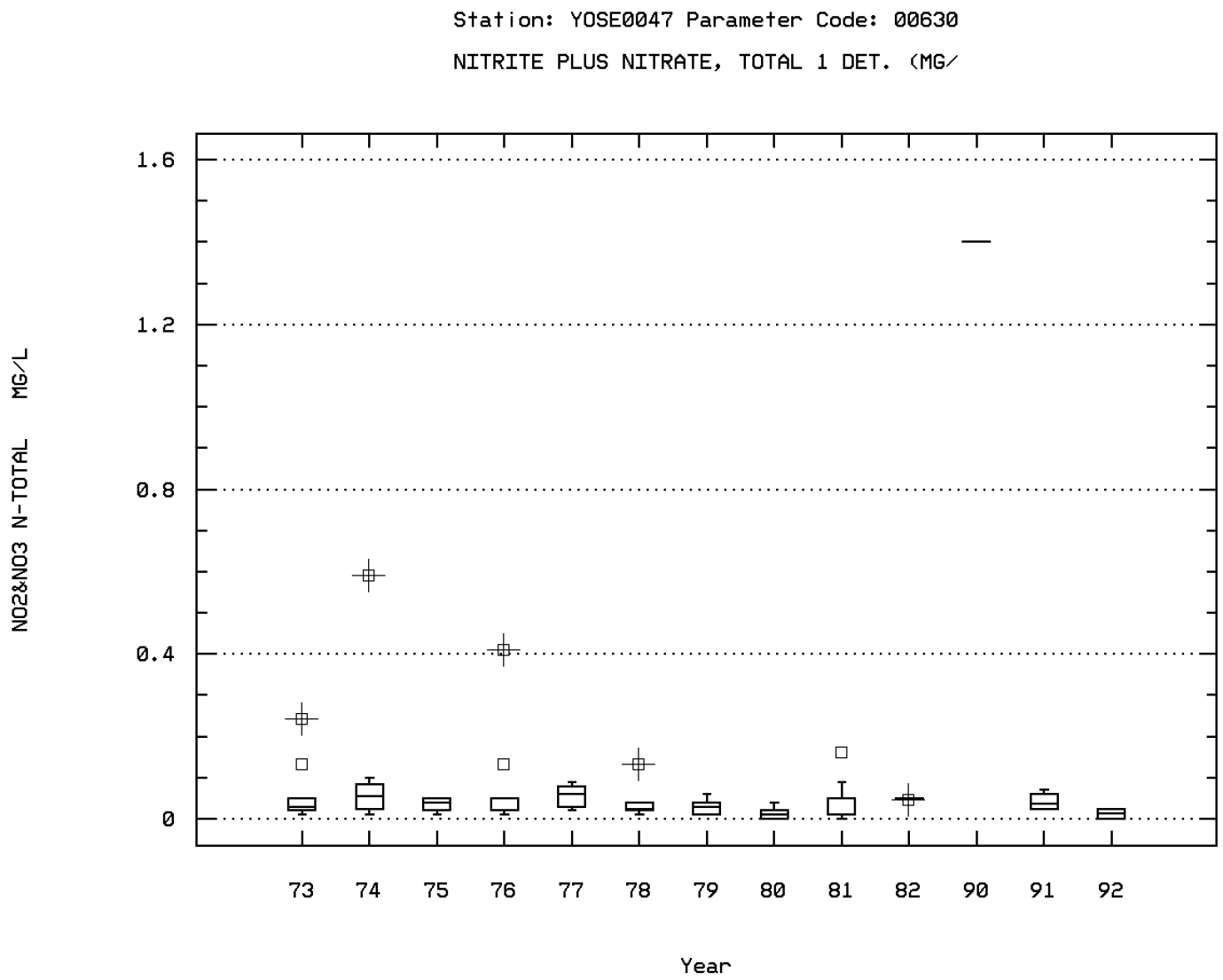
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00625

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



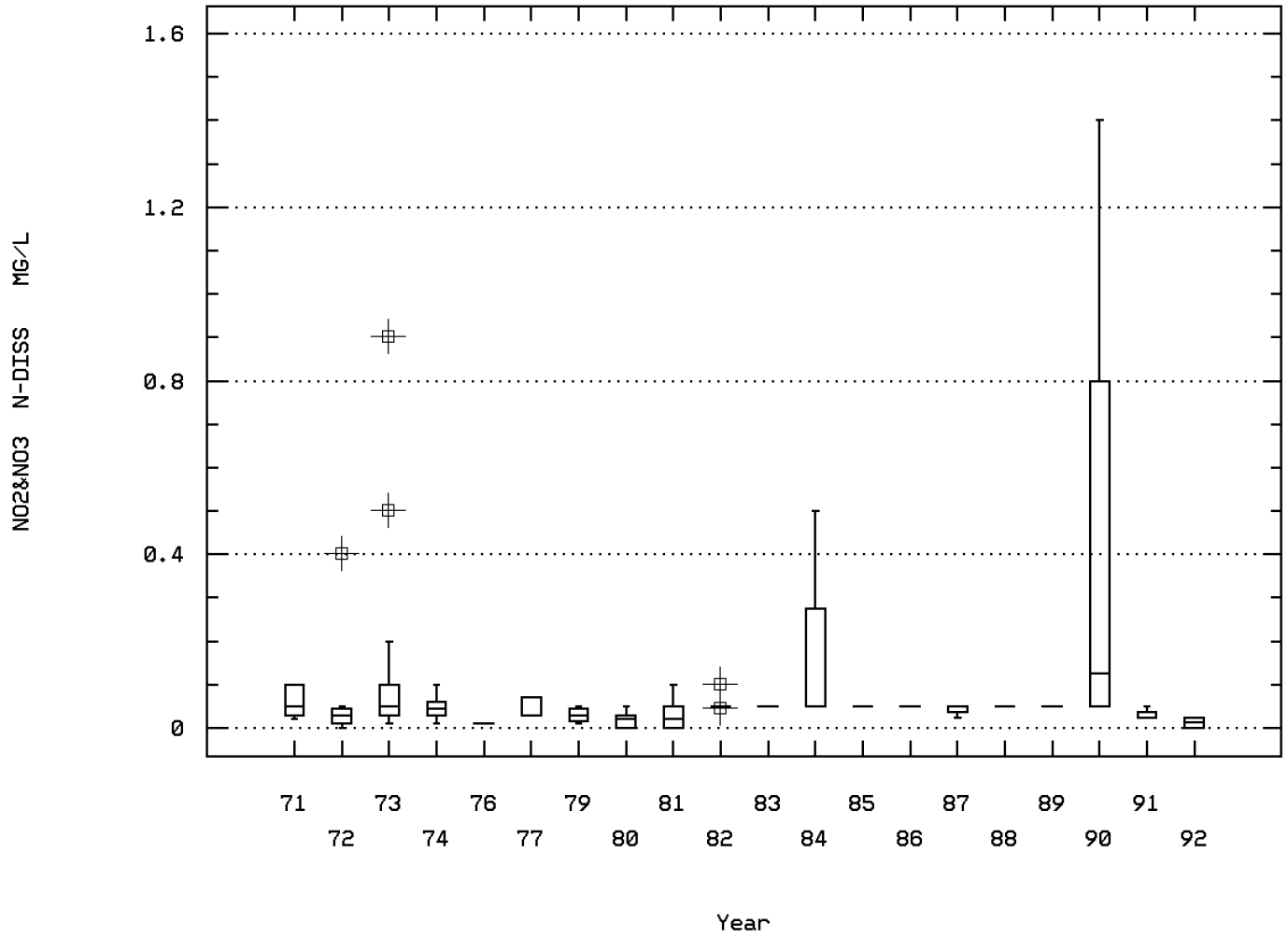
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI



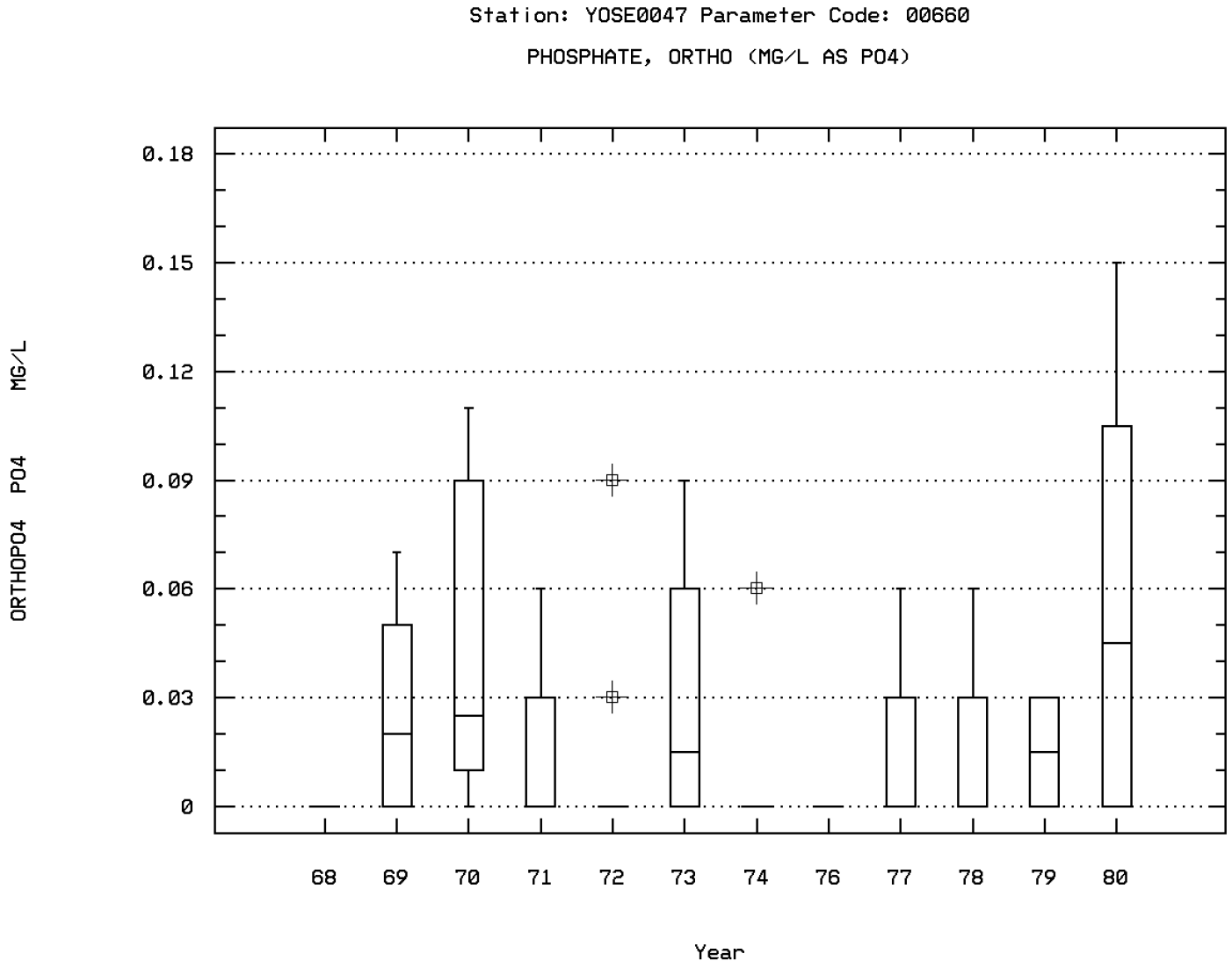
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00631

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



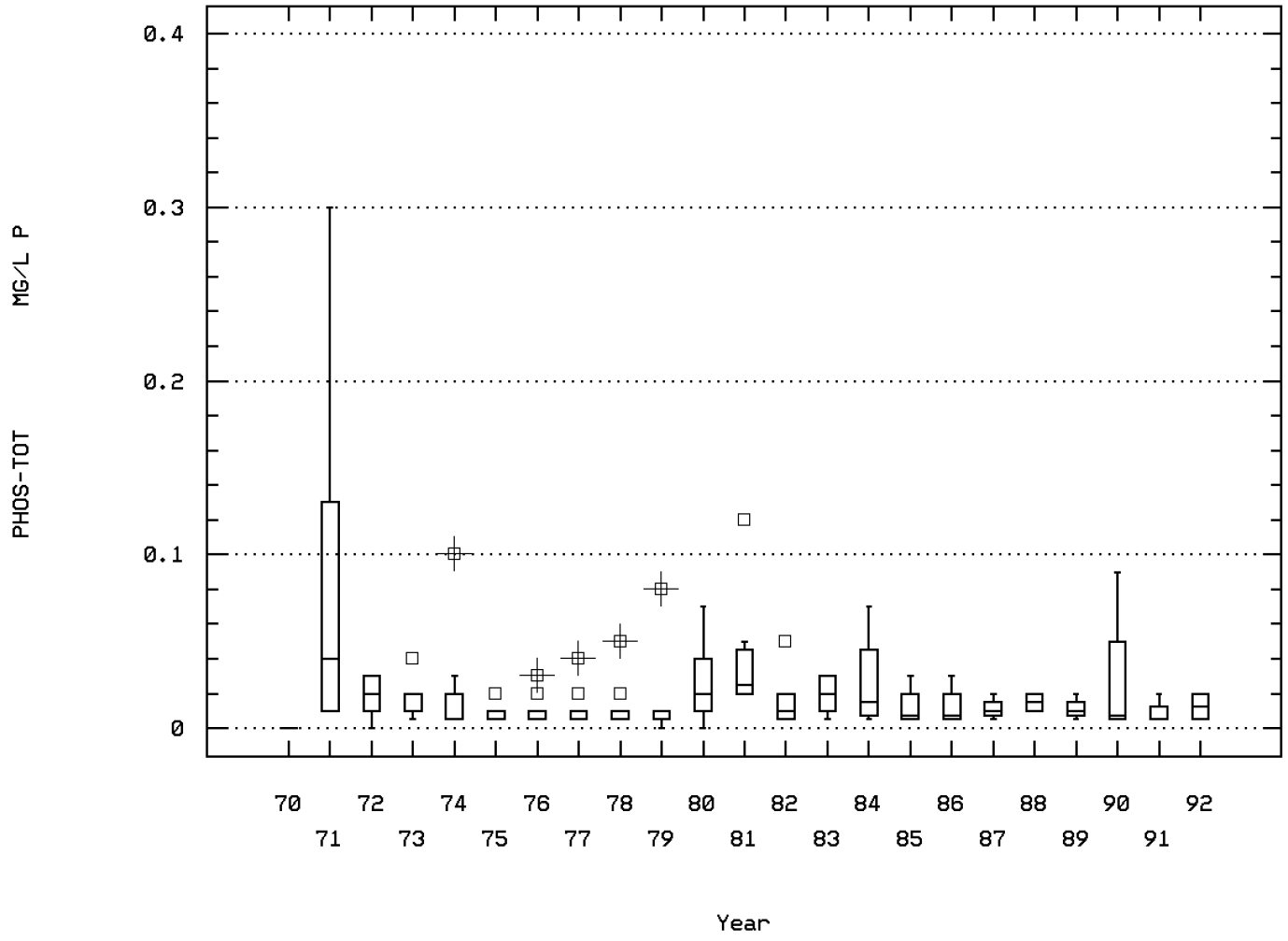
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00665

PHOSPHORUS, TOTAL (MG/L AS P)

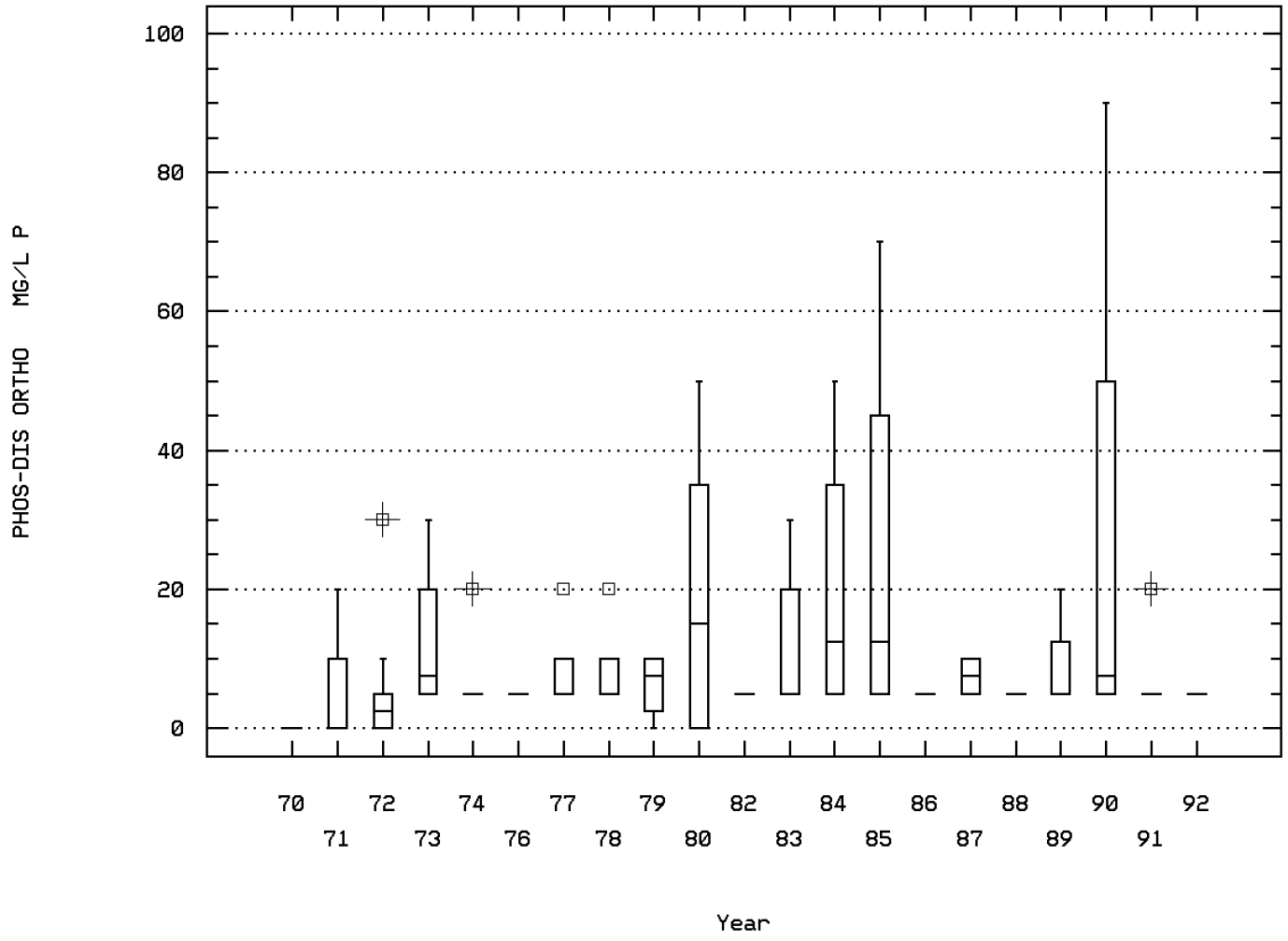


MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00671

PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (M

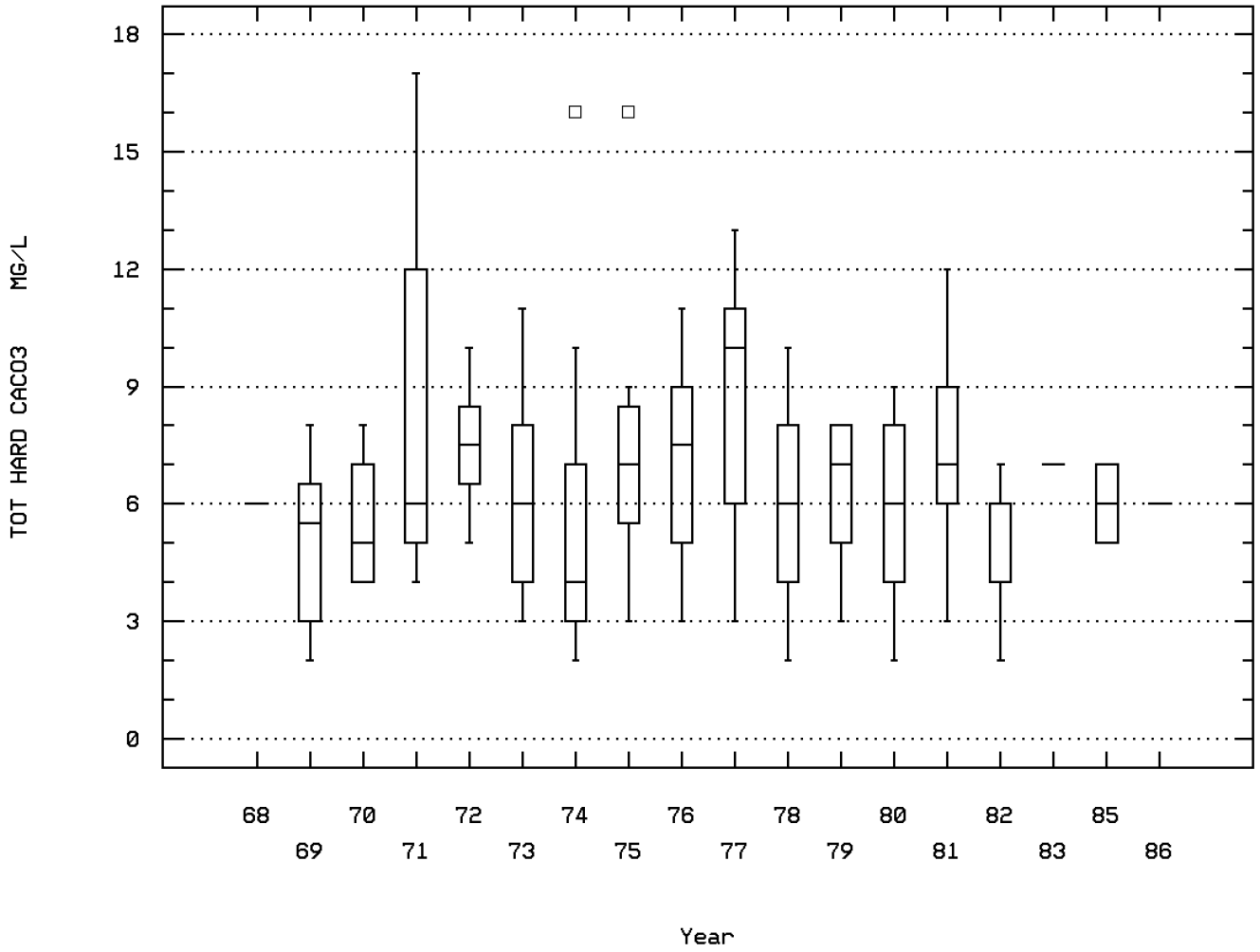
(X 0.001)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00900

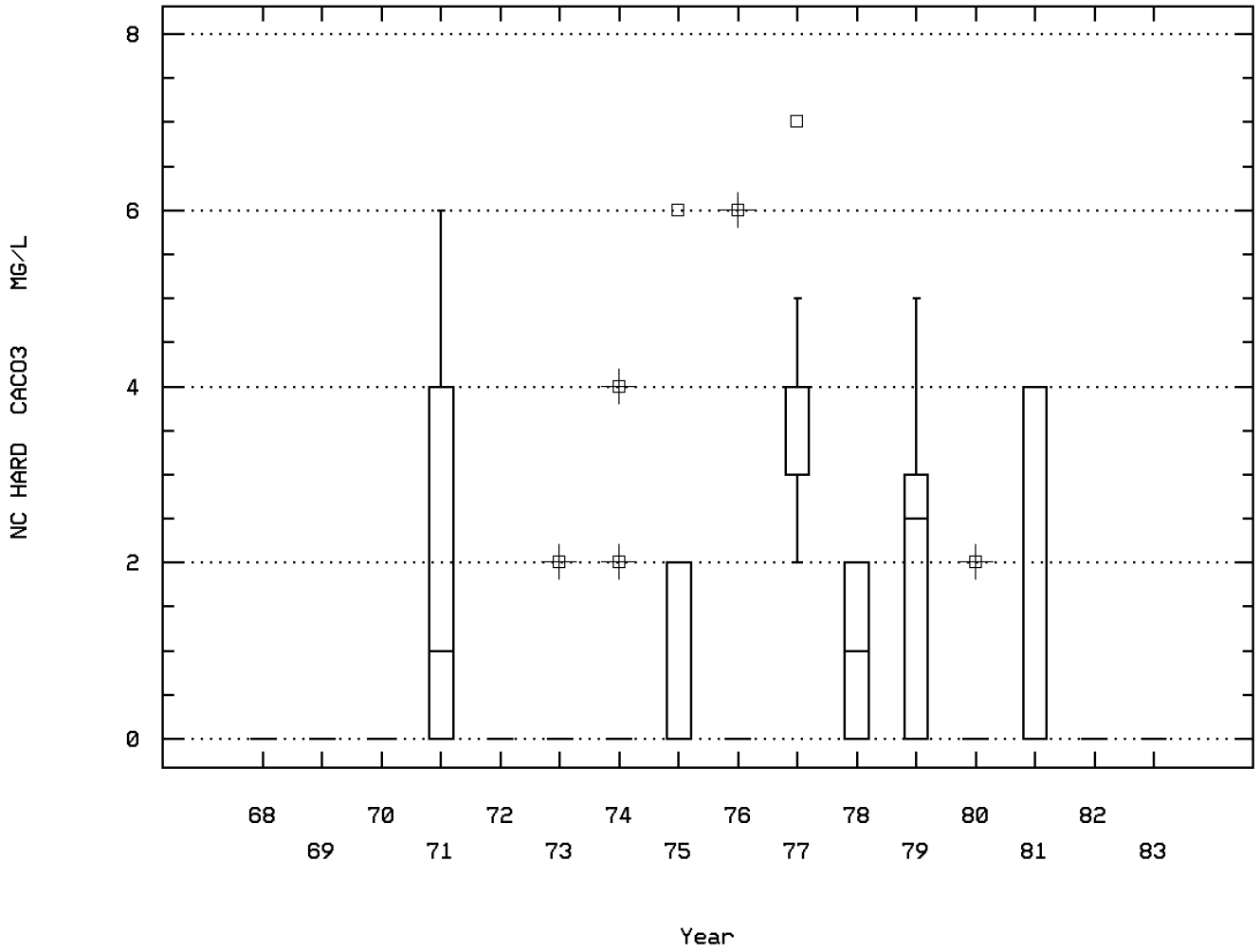
HARDNESS, TOTAL (MG/L AS CACO3)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00902

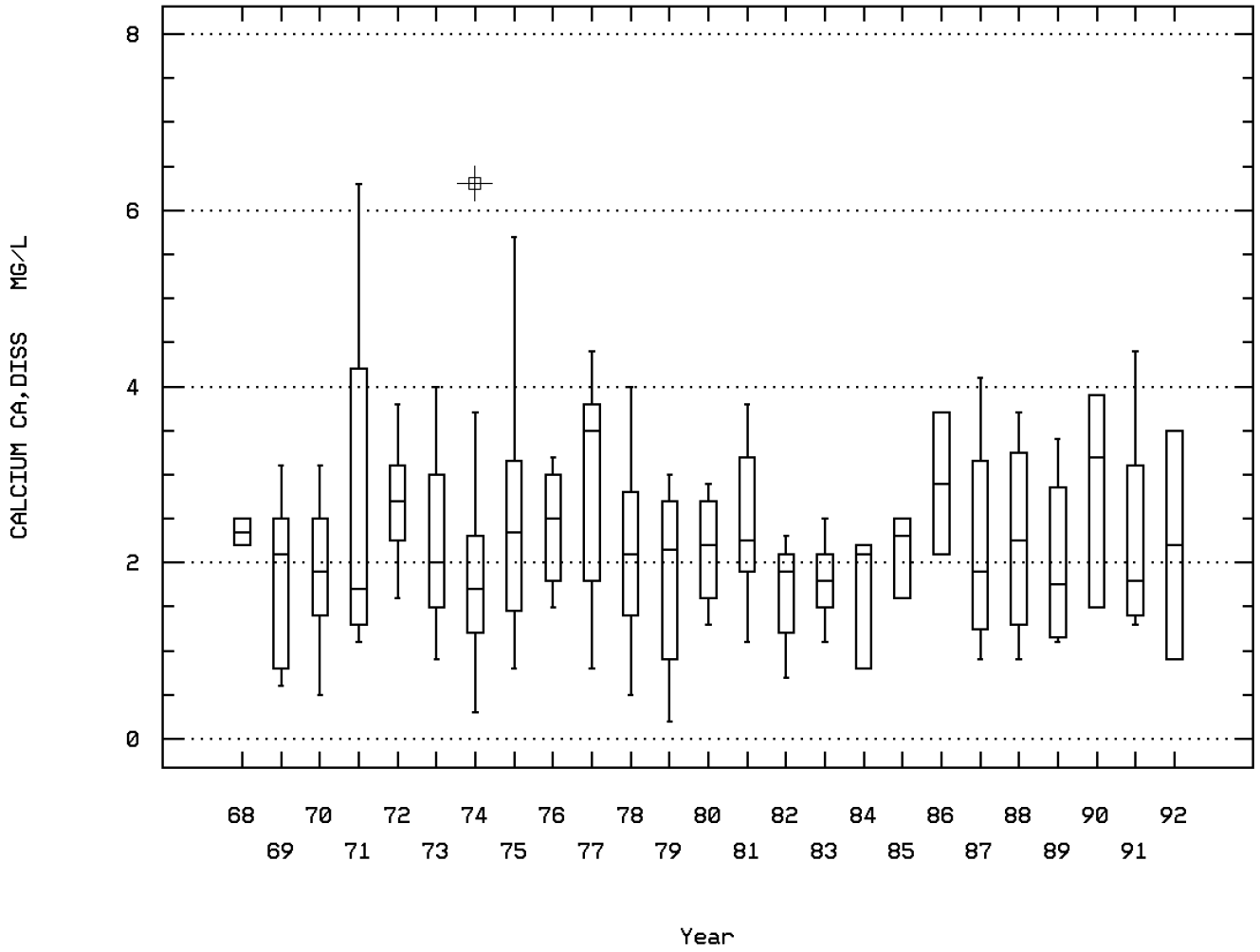
HARDNESS, NON-CARBONATE (MG/L AS CACO3)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00915

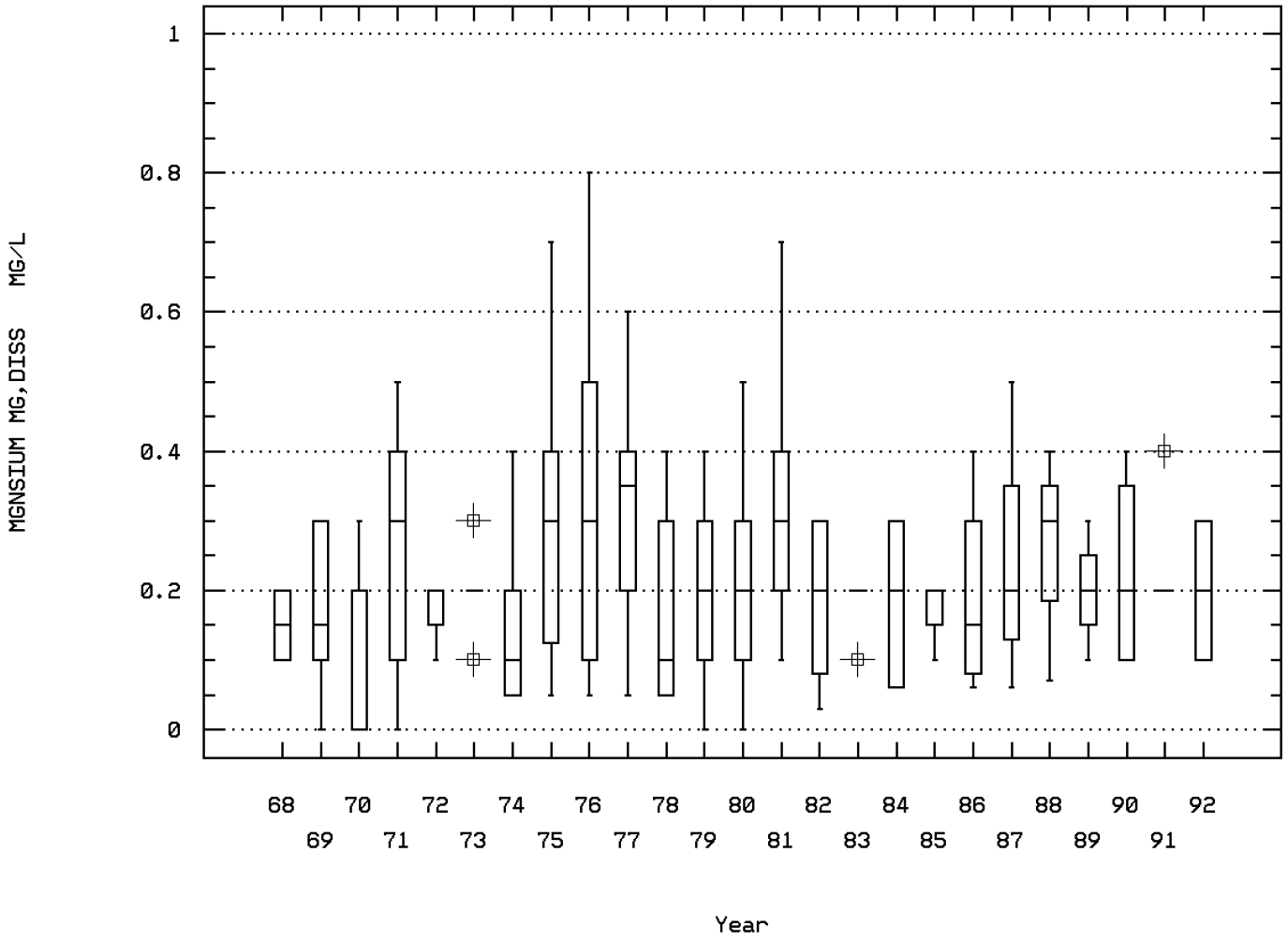
CALCIUM, DISSOLVED (MG/L AS CA)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00925

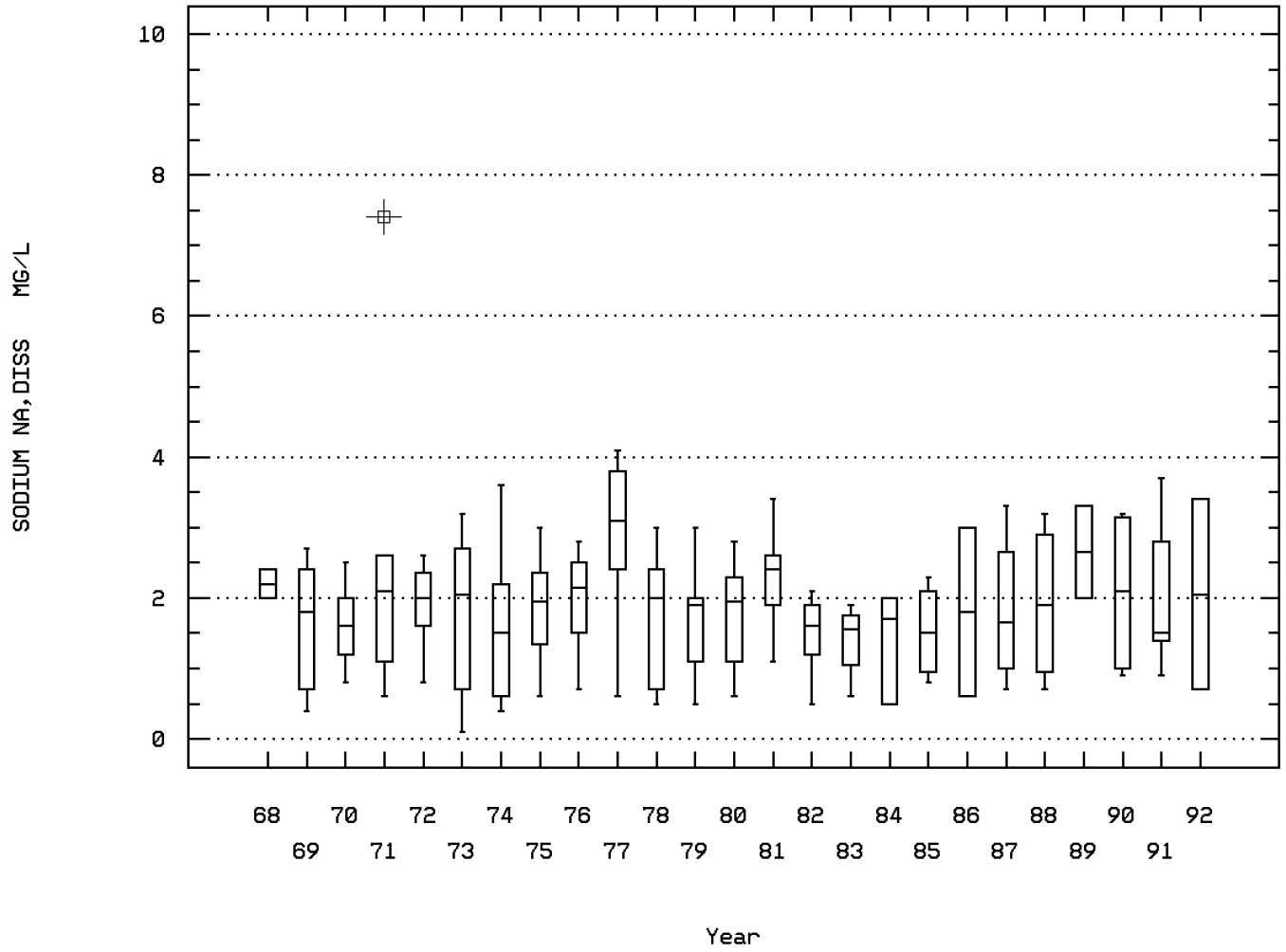
MAGNESIUM, DISSOLVED (MG/L AS MG)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00930

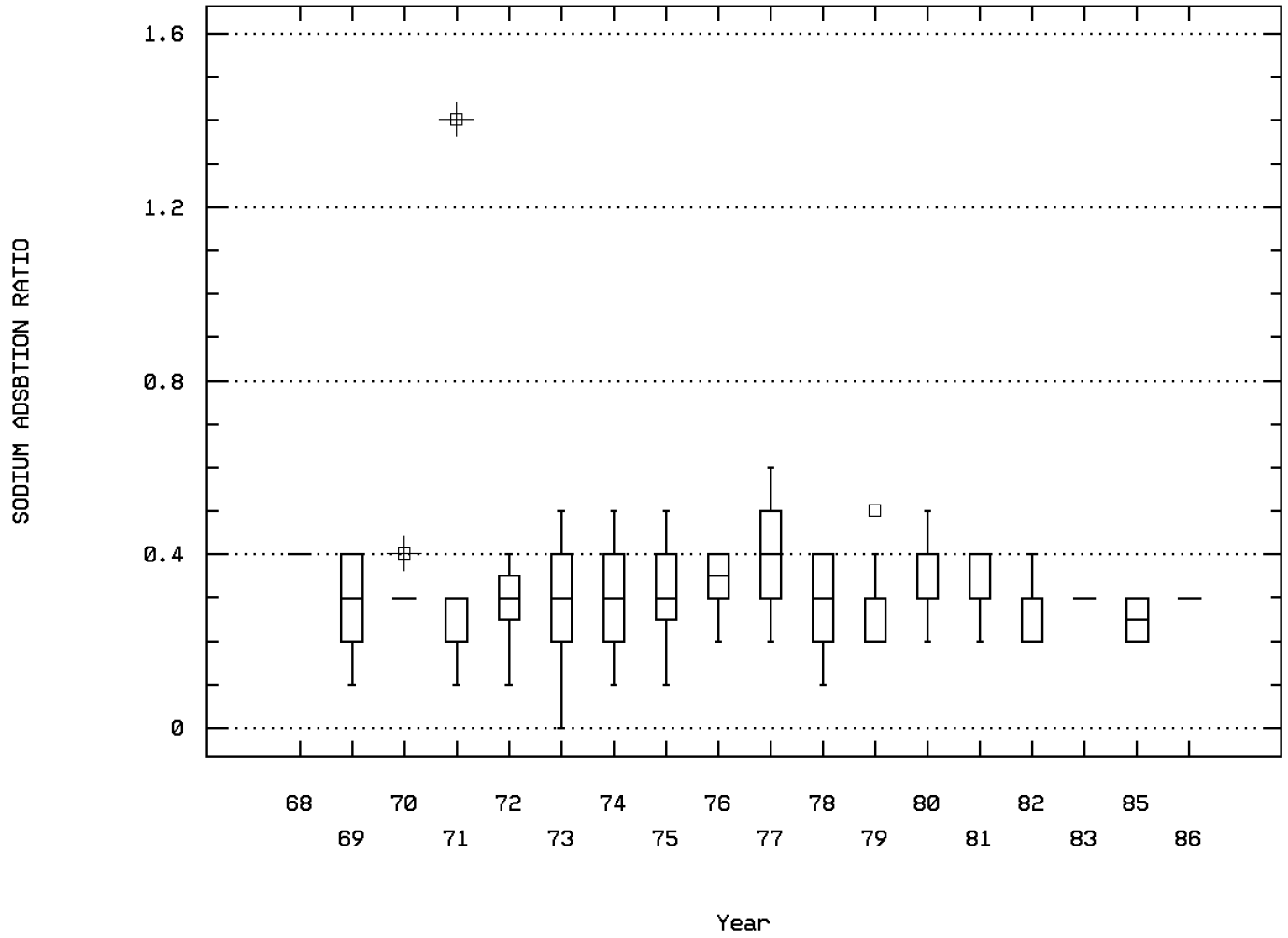
SODIUM, DISSOLVED (MG/L AS NA)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00931

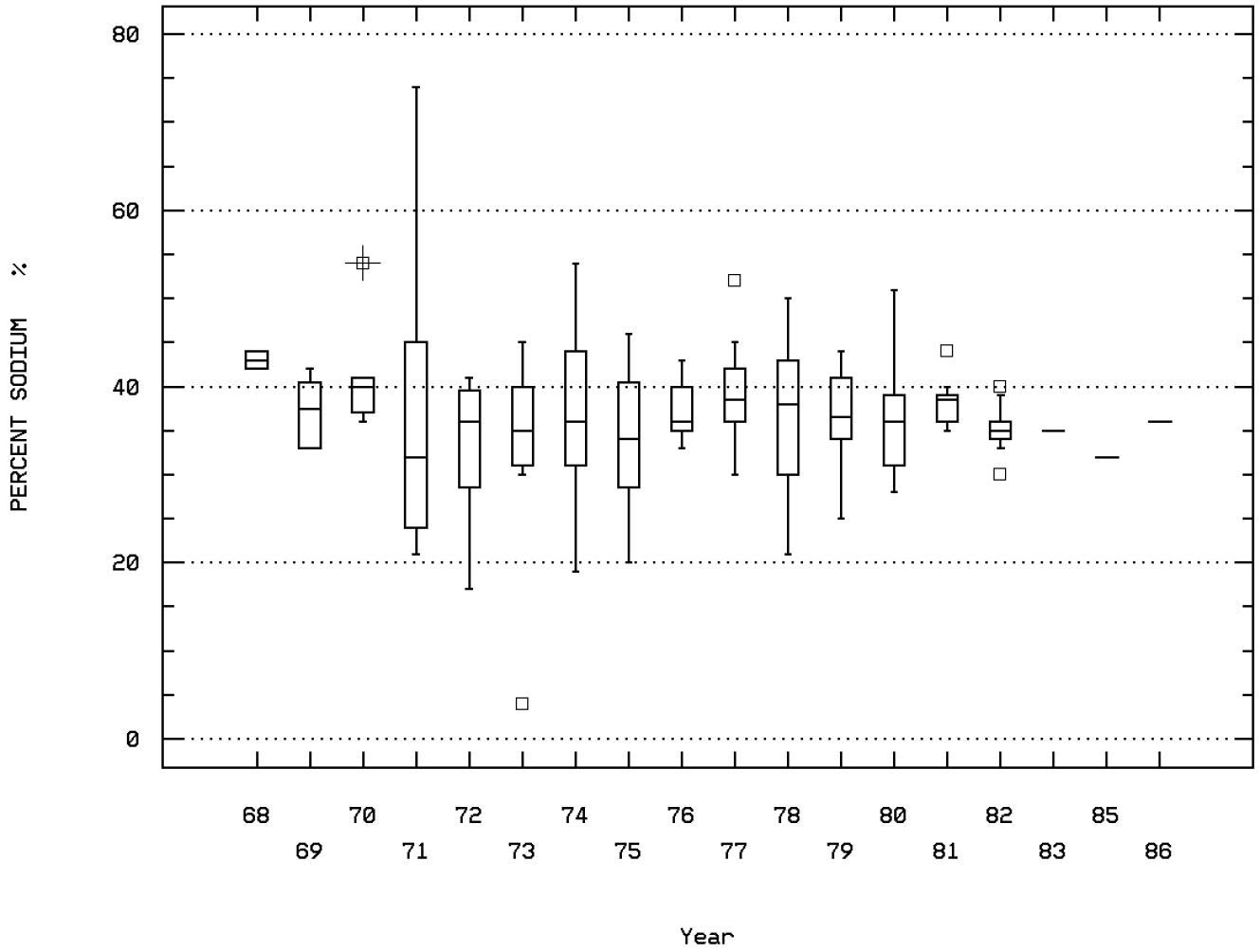
SODIUM ADSORPTION RATIO



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00932

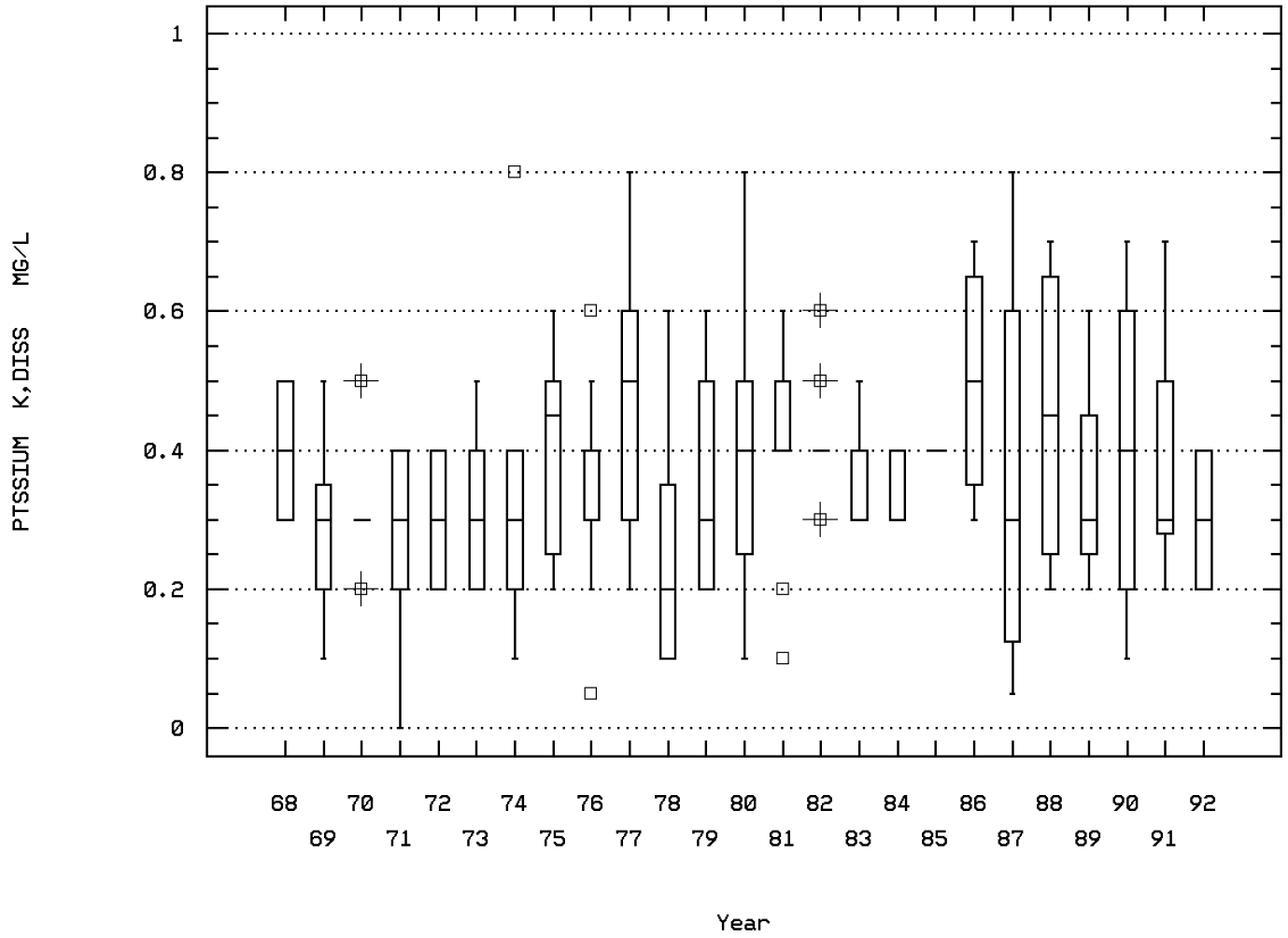
SODIUM, PERCENT



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00935

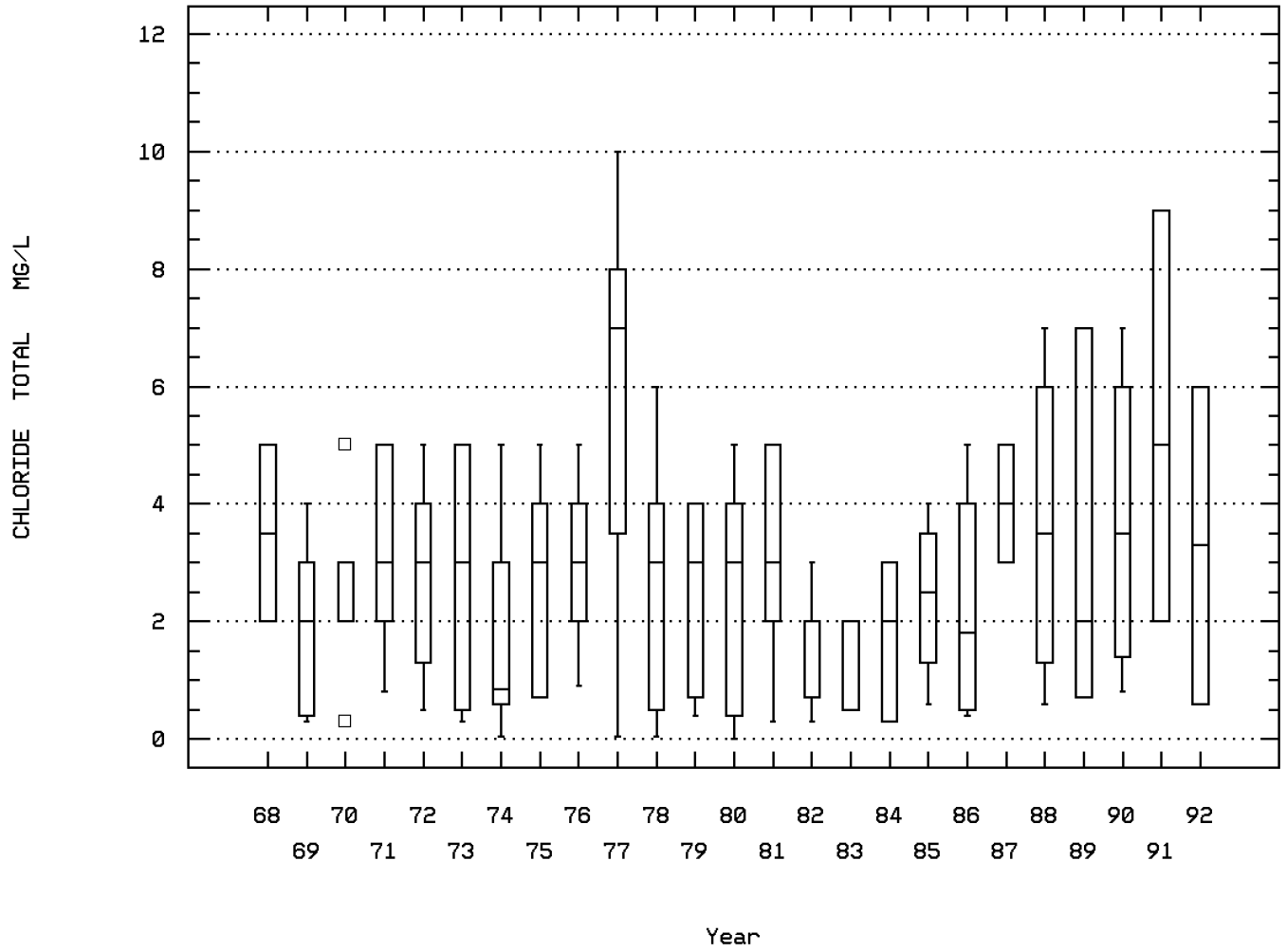
POTASSIUM, DISSOLVED (MG/L AS K)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00940

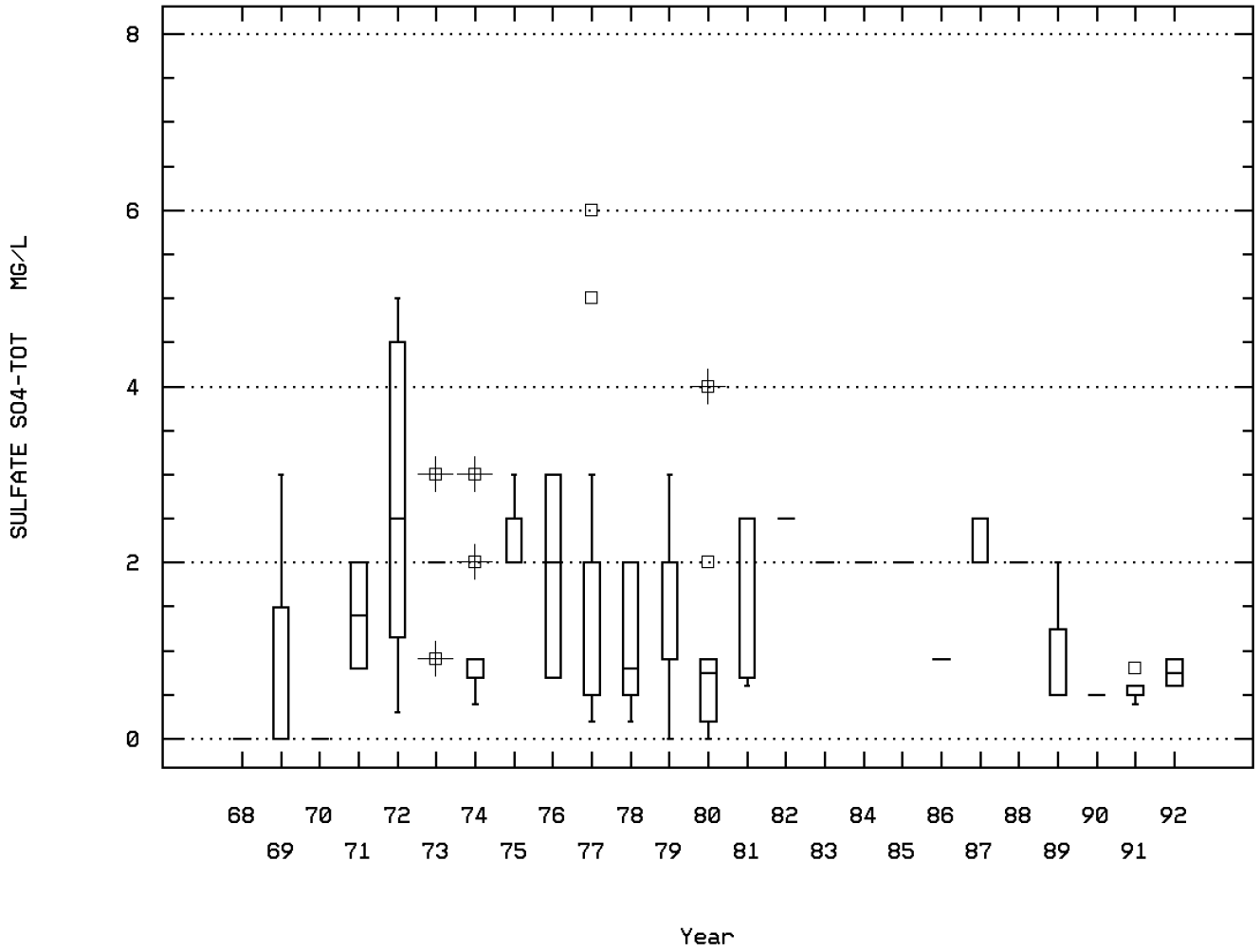
CHLORIDE,TOTAL IN WATER



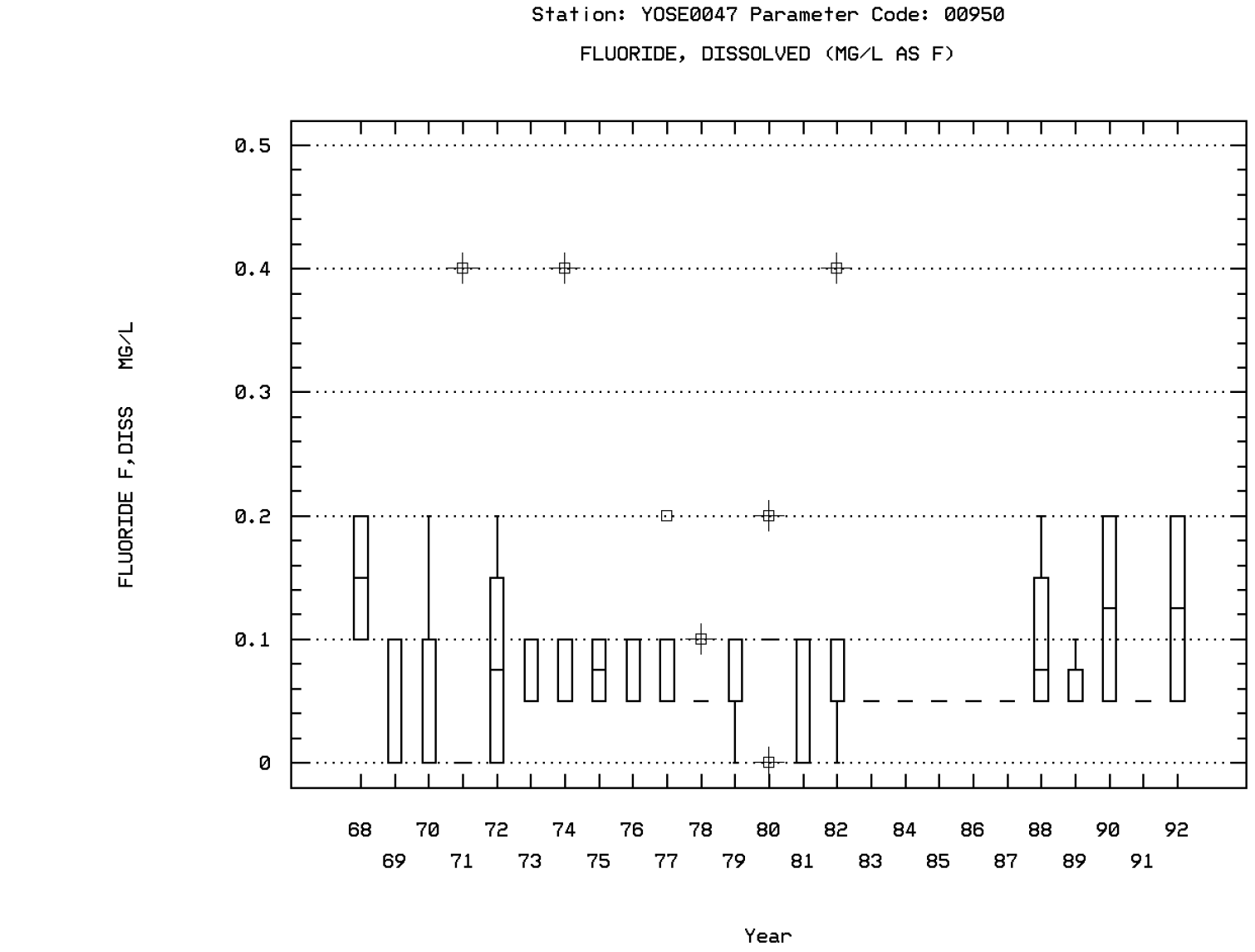
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00945

SULFATE, TOTAL (MG/L AS SO4)



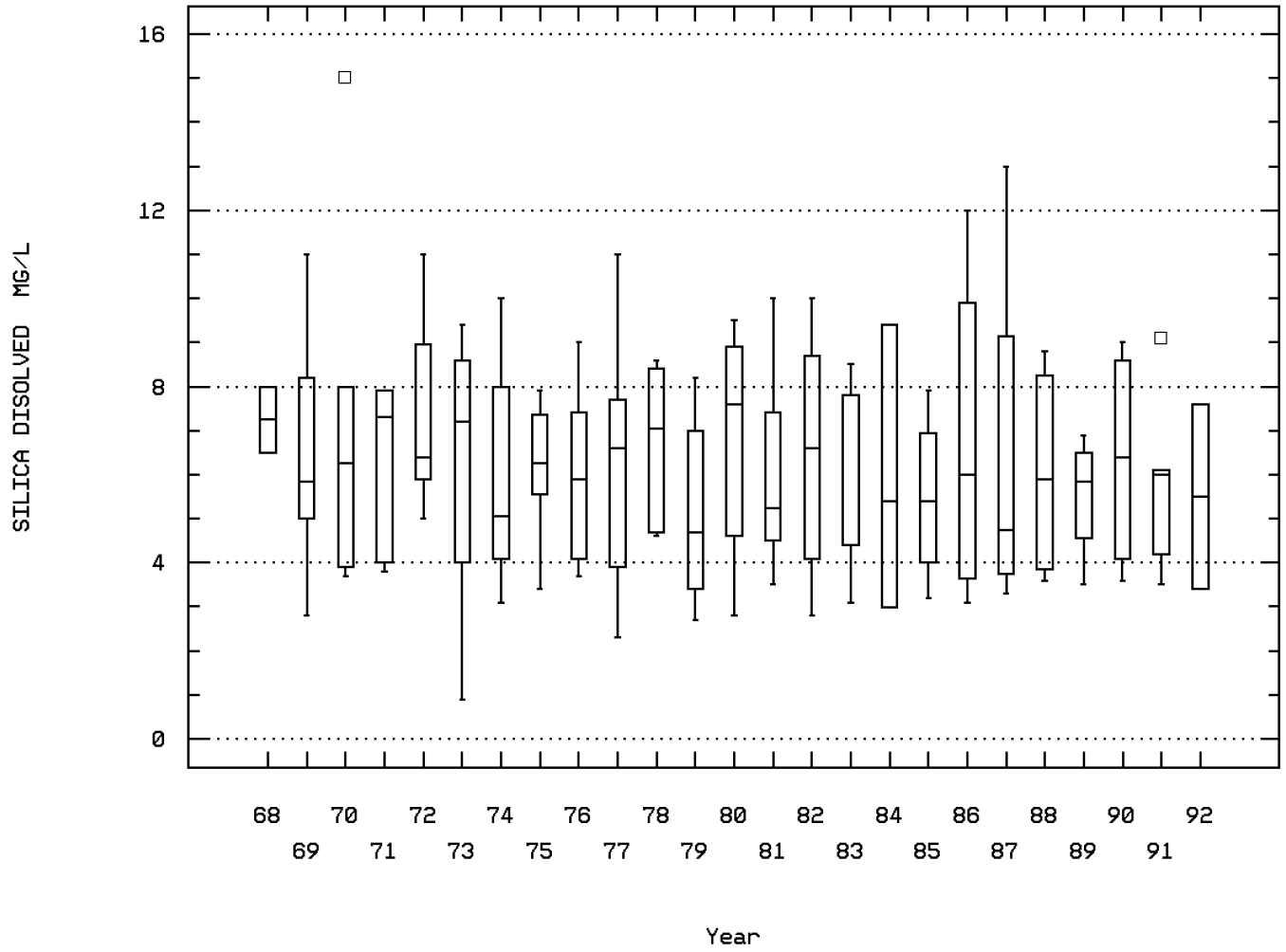
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00955

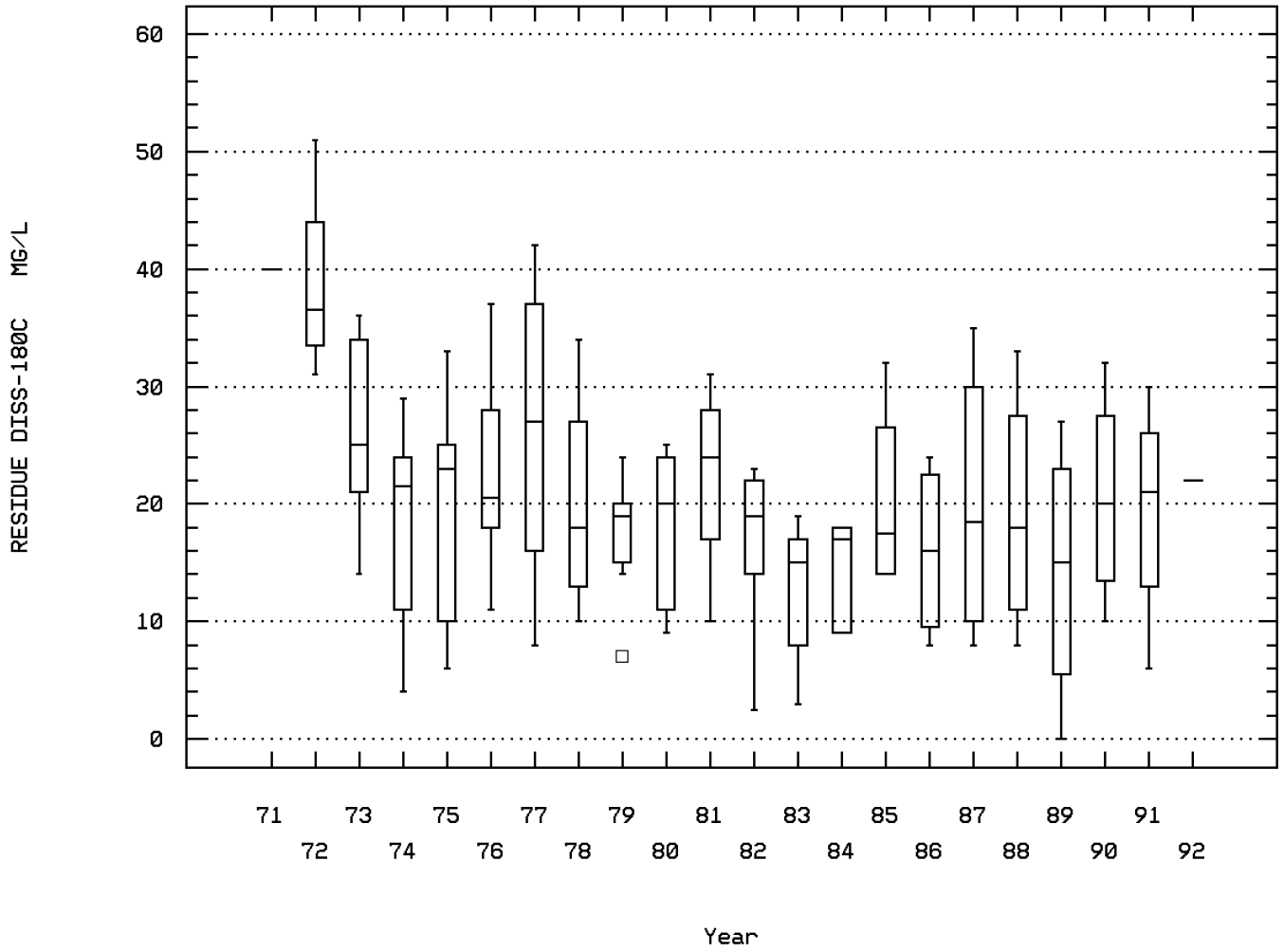
SILICA, DISSOLVED (MG/L AS SI02)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 70300

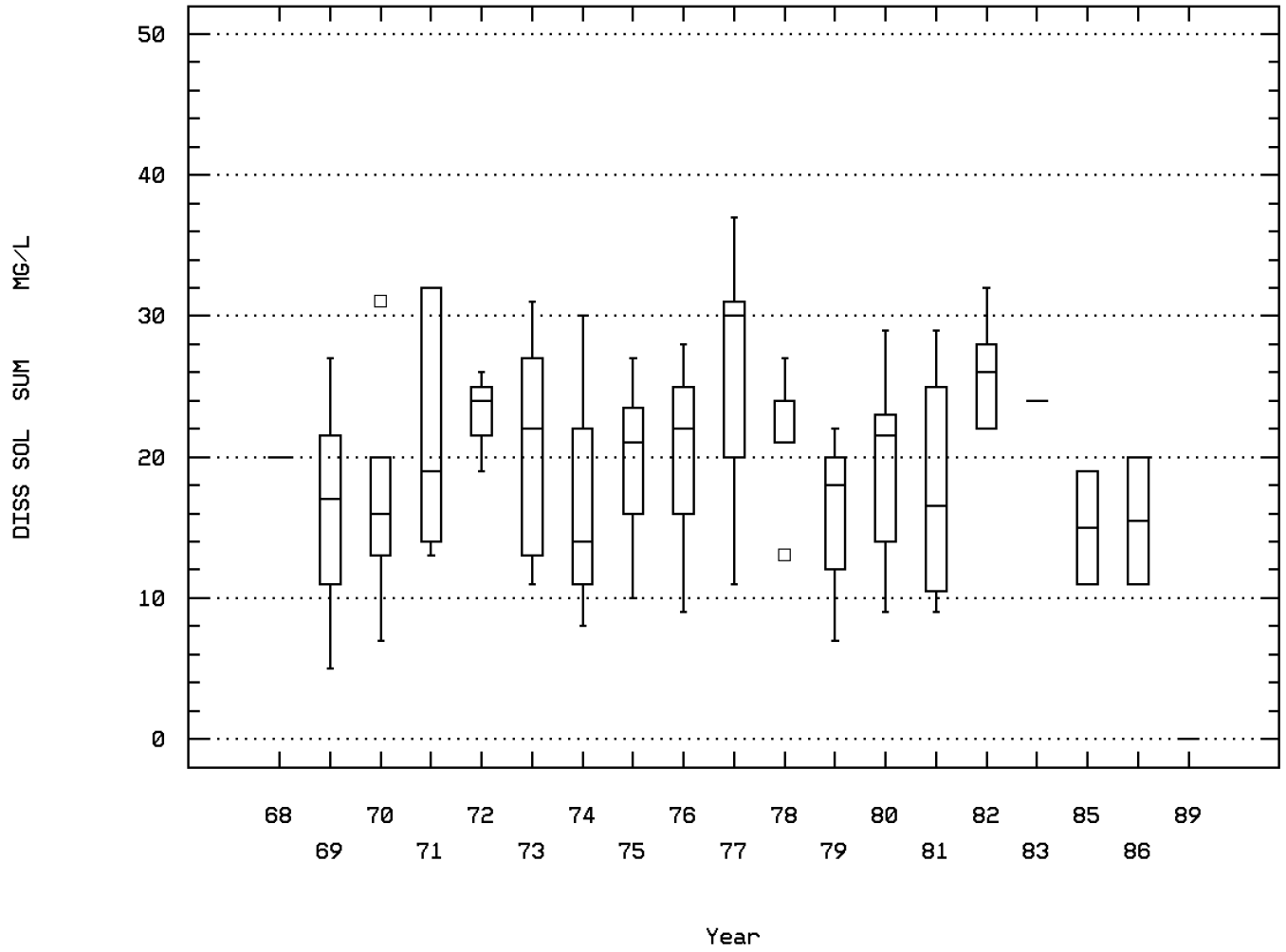
RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 70301

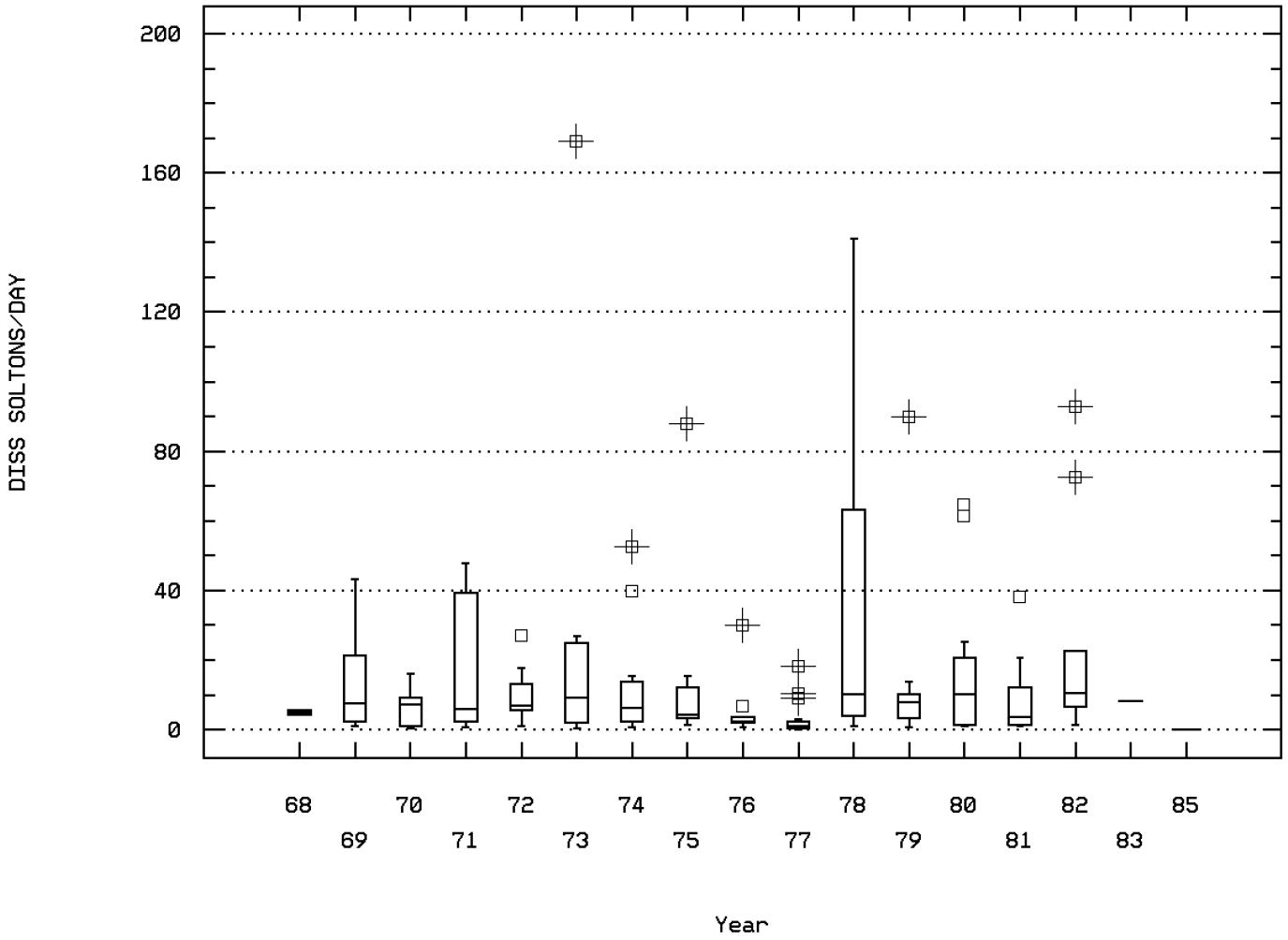
SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 70302

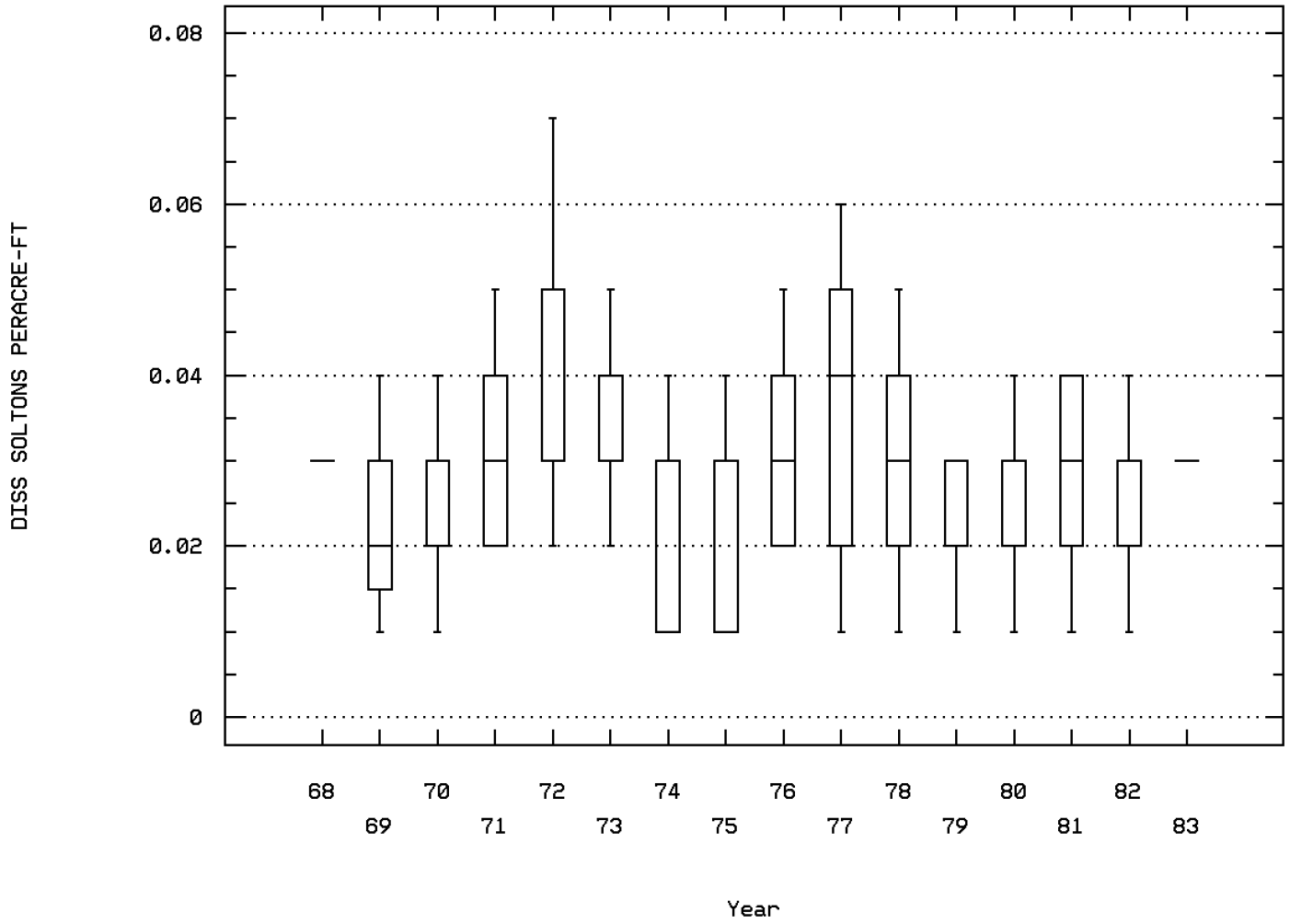
SOLIDS, DISSOLVED-TONS PER DAY



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 70303

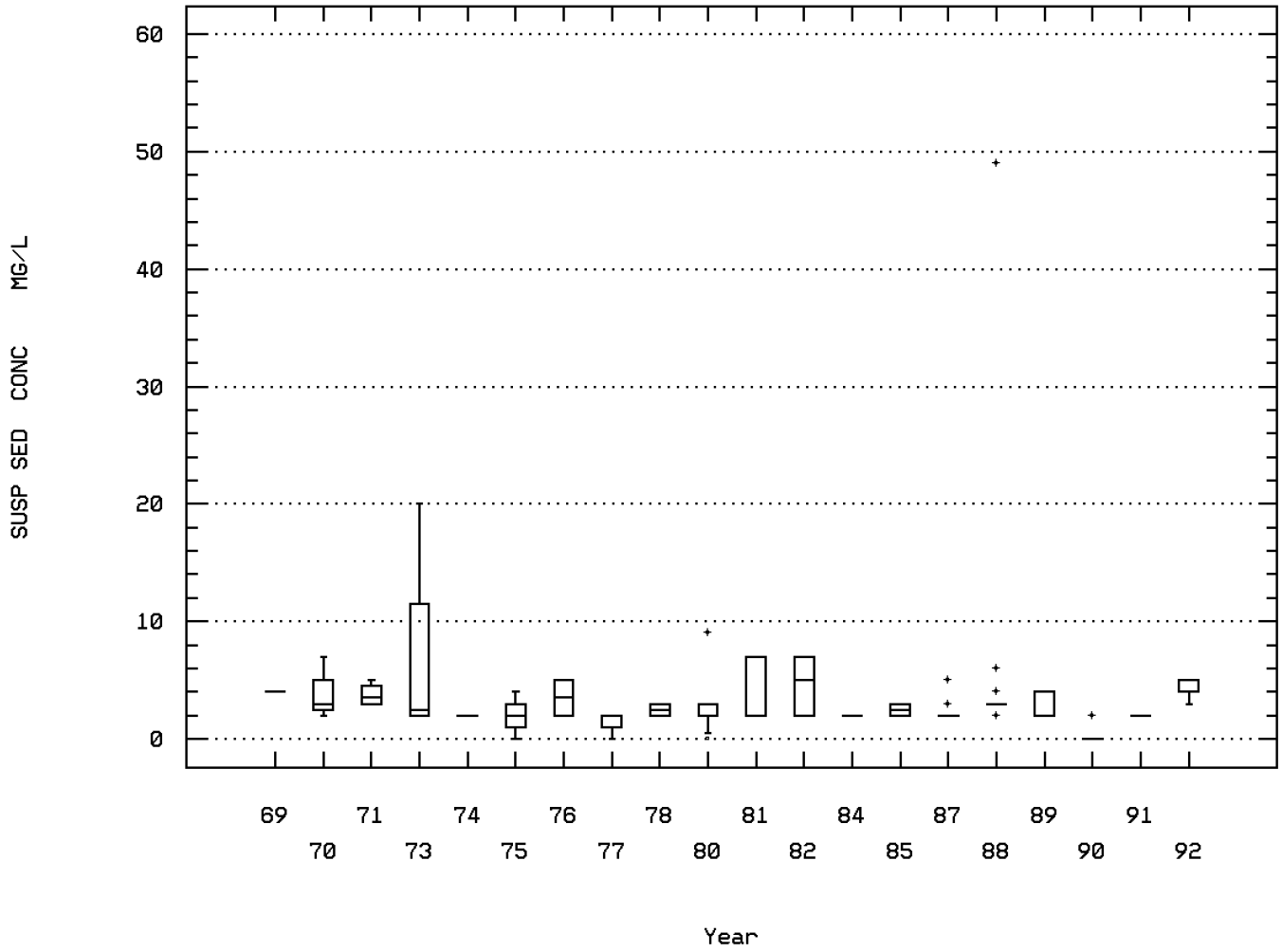
SOLIDS, DISSOLVED-TONS PER ACRE-FT



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 80154

SUSP. SEDIMENT CONCENTRATION-EVAP. AT 1



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Seasonal Analysis for Season #1: 9/01 to 10/15 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	38	12.5	11.321	15.5	4.	6.863	2.62	7.5	8.875	13.5	14.
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/68-04/04/77	2	16.	16.	25.	7.	162.	12.728	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	37	35.	99.216	1950.	4.	100489.563	317.001	8.6	20.	68.	100.2
00065	STAGE, STREAM (FEET)	07/11/75-11/21/84	4	2.27	2.448	3.58	1.67	0.65	0.806	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/07/77-05/28/92	2	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	37	24.	21.892	44.	5.	90.377	9.507	10.	12.	27.	34.2
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	28	9.1	9.529	12.	8.	0.875	0.935	8.7	8.925	9.875	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	02/20/69-06/10/80	6	0.65	0.7	1.1	0.3	0.076	0.276	**	**	**	**
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	31	6.8	6.732	7.2	5.9	0.106	0.325	6.22	6.5	7.	7.1
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	31	6.8	6.599	7.2	5.9	0.124	0.352	6.22	6.5	7.	7.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	31	0.158	0.252	1.259	0.063	0.06	0.245	0.079	0.1	0.316	0.605
00403	PH, LAB, STANDARD UNITS SU	10/31/80-05/28/92	4	7.25	7.3	8.4	6.3	0.78	0.883	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/31/80-05/28/92	4	7.182	6.798	8.4	6.3	1.116	1.056	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/31/80-05/28/92	4	0.066	0.159	0.501	0.004	0.054	0.232	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/19/71-03/10/78	19	1.8	2.595	8.1	0.9	3.881	1.97	1.	1.3	3.	6.4
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	36	7.	6.611	13.	3.	6.816	2.611	3.7	5.	7.	11.3
00440	BICARBONATE ION (MG/L AS HCO3)	03/12/68-03/10/78	24	8.	8.708	16.	5.	11.433	3.381	5.	6.	9.75	15.5
00445	CARBONATE ION (MG/L AS CO3)	03/12/68-03/10/78	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	02/20/69-11/09/81	3	0.14	0.153	0.25	0.07	0.008	0.091	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	15	0.1	0.185	0.44	0.	0.025	0.159	0.006	0.08	0.32	0.44
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/20/70-05/28/92	6	0.03	0.025	0.05	0.	0.	0.018	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	12	0.03	0.045	0.13	0.005	0.002	0.041	0.005	0.013	0.07	0.124
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	15	0.2	0.257	0.6	0.03	0.035	0.188	0.048	0.1	0.46	0.576
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	10	0.035	0.03	0.05	0.	0.	0.021	0.001	0.01	0.05	0.05
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	14	0.05	0.083	0.5	0.	0.017	0.129	0.005	0.028	0.06	0.35
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	15	0.02	0.029	0.09	0.	0.001	0.034	0.	0.	0.06	0.09
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	23	0.01	0.014	0.07	0.	0.	0.015	0.005	0.005	0.02	0.03
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/23/74-05/28/92	4	0.015	0.015	0.02	0.01	0.	0.006	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	15	0.005	0.012	0.03	0.	0.	0.01	0.003	0.005	0.02	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	23	7.	7.174	16.	3.	8.787	2.964	3.4	5.	9.	10.6
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	17	0.	0.647	4.	0.	1.243	1.115	0.	0.	1.	2.4
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	24	2.35	2.546	6.3	1.1	1.318	1.148	1.25	1.625	3.15	3.85
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	24	0.2	0.156	0.4	0.	0.008	0.089	0.05	0.1	0.2	0.25
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	25	1.8	1.964	3.2	0.7	0.512	0.716	0.88	1.55	2.6	2.94
00931	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	23	0.3	0.339	0.5	0.1	0.009	0.094	0.2	0.3	0.4	0.46
00932	SODIUM, PERCENT	03/12/68-01/31/86	23	36.	36.87	54.	21.	58.755	7.665	24.6	33.	41.	48.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	26	0.35	0.404	1.	0.2	0.039	0.197	0.2	0.3	0.5	0.73
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	25	3.	2.668	5.	0.5	2.248	1.499	0.66	1.	4.	5.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	25	1.	1.416	4.	0.	0.889	0.943	0.48	0.85	2.	2.7
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	13	0.1	0.088	0.2	0.05	0.002	0.042	0.05	0.05	0.1	0.16
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	19	5.8	6.005	8.9	4.1	2.263	1.504	4.1	4.7	7.2	8.6
01000p	ARSENIC, DISSOLVED (UG/L AS AS)	01/08/73-07/17/91	11	1.	1.545	4.	0.	1.773	1.331	0.1	0.5	3.	3.8
01002	ARSENIC, TOTAL (UG/L AS AS)	05/29/73-09/21/82	11	1.	2.955	21.	0.5	36.173	6.014	0.5	0.5	2.	17.2
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/10/80-05/28/92	3	5.	5.333	7.	4.	2.333	1.528	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/12/68-06/10/80	9 ##	10.	7.778	10.	0.	19.444	4.41	0.	5.	10.	10.
01025p	CADMIUM, DISSOLVED (UG/L AS CD)	01/08/73-07/17/91	10 ##	0.	0.25	1.	0.	0.125	0.354	0.	0.	0.5	0.95
01027	CADMIUM, TOTAL (UG/L AS CD)	05/29/73-09/21/82	10 ##	0.5	4.1	10.	0.	25.878	5.087	0.	0.	10.	10.
01030p	CHROMIUM, DISSOLVED (UG/L AS CR)	01/08/73-07/17/91	13 ##	0.	0.077	0.5	0.	0.035	0.188	0.	0.	0.	0.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/29/73-09/21/82	11 ##	0.	0.455	5.	0.	2.273	1.508	0.	0.	0.	4.
01035p	COBALT, DISSOLVED (UG/L AS CO)	10/06/70-05/28/92	11 ##	0.	1.955	16.	0.	22.173	4.709	0.	0.	1.5	13.1
01040	COPPER, DISSOLVED (UG/L AS CU)	11/10/76-07/17/91	6 ##	0.25	1.75	5.	0.	6.375	2.525	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/29/73-09/21/82	11	90.	95.455	130.	70.	247.273	15.725	72.	90.	100.	126.
01046p	IRON, DISSOLVED (UG/L AS FE)	03/12/68-05/28/92	16	50.	46.75	120.	5.	679.267	26.063	9.9	32.5	57.5	83.6
01049p	LEAD, DISSOLVED (UG/L AS PB)	01/08/73-07/17/91	10 ##	1.5	2.15	5.	0.5	2.781	1.667	0.55	1.	3.5	5.
01051	LEAD, TOTAL (UG/L AS PB)	05/29/73-09/21/82	10 ##	25.	47.95	100.	0.	2099.914	45.825	0.05	3.125	100.	100.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	05/23/74-05/28/92	4	3.	3.25	5.	2.	1.583	1.258	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/31/80-05/28/92	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/25/77-05/28/92	3	0.5	0.5	1.	0.	0.25	0.5	**	**	**	**
01080p	STRONTIUM, DISSOLVED (UG/L AS SR)	12/11/68-05/28/92	3	28.	32.333	52.	17.	320.333	17.898	**	**	**	**

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

Seasonal Analysis for Season #1: 9/01 to 10/15 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/31/80-05/28/92	3 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090p	ZINC, DISSOLVED (UG/L AS ZN)	01/08/73-07/17/91	11 ##	1.5	10.773	60.	0.	321.468	17.93	0.	0.	17.	52.
01092	ZINC, TOTAL (UG/L AS ZN)	05/29/73-09/21/82	9	20.	21.111	70.	0.	411.111	20.276	0.	10.	25.	70.
01130p	LITHIUM, DISSOLVED (UG/L AS LI)	12/11/68-05/28/92	3	5.	5.667	8.	4.	4.333	2.082	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/10/76-05/28/92	4 ##	0.5	2.75	10.	0.	23.417	4.839	**	**	**	**
03515p	BETA, DISSOLVED GROSS, AS CS-137, PC/L	11/20/67-01/16/92	5	1.7	2.18	4.2	1.3	1.427	1.195	**	**	**	**
03516p	BETA, SUSPENDED GROSS, AS CS-137, PC/L	11/20/67-01/16/92	6 ##	0.2	0.217	0.3	0.2	0.002	0.041	**	**	**	**
09511p	RADIUM 226, DISSOLVED, RADON METHOD	11/20/67-01/16/92	5	0.03	0.04	0.07	0.02	0.001	0.023	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/76-05/26/93	7	2.	2.5	5.	0.5	2.583	1.607	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/76-05/26/93	7	0.301	0.297	0.699	-0.301	0.122	0.35	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.982								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/04/76-11/18/92	7	6.	6.857	19.	2.	32.476	5.699	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/04/76-11/18/92	7	0.778	0.732	1.279	0.301	0.099	0.315	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			5.401								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	22	24.	22.955	37.	8.	82.141	9.063	8.6	14.	31.	34.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	15	20.	20.933	31.	13.	39.352	6.273	13.6	15.	27.	30.4
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	23	1.62	5.134	73.7	0.37	226.627	15.054	0.524	0.85	2.2	7.17
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	24	0.03	0.032	0.05	0.01	0.	0.012	0.015	0.02	0.04	0.05
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/26/70-01/16/92	2	50.5	50.5	54.	47.	24.5	4.95	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	12/18/68-01/31/86	6	0.07	0.052	0.08	0.	0.001	0.037	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/18/68-10/09/79	12	0.15	0.333	1.9	0.	0.284	0.533	0.	0.025	0.375	1.54
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/30/78-11/18/85	5	0.09	0.672	3.	0.03	1.699	1.303	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/22/73-11/09/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
71890p	MERCURY, DISSOLVED (UG/L AS HG)	10/18/71-07/17/91	12 ##	0.25	0.213	0.25	0.	0.006	0.08	0.03	0.213	0.25	0.25
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/71-09/21/82	17 ##	0.25	0.215	0.5	0.05	0.012	0.109	0.05	0.15	0.25	0.3
80030p	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	11/20/67-01/16/92	5	0.9	0.68	1.1	0.2	0.162	0.402	**	**	**	**
80040p	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	11/20/67-01/16/92	6 ##	0.2	0.3	0.5	0.2	0.024	0.155	**	**	**	**
80050p	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	11/20/67-01/16/92	5	1.5	1.86	3.3	1.2	0.743	0.862	**	**	**	**
80060p	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	11/20/67-01/16/92	6 ##	0.2	0.217	0.3	0.2	0.002	0.041	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	11	1.	1.	2.	0.	0.2	0.447	0.2	1.	1.	1.8
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	11/05/69-09/21/82	10	0.085	0.155	0.81	0.	0.056	0.236	0.005	0.05	0.14	0.749

** - Less than 9 observations ## - Computed 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: 10/16 to 3/15 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	127	2.5	3.131	9.	0.5	4.541	2.131	0.5	2.	4.	6.6
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/68-04/04/77	15	105.	89.267	217.	3.	4806.21	69.327	6.	8.	139.	199.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	88	55.	80.75	390.	2.	6380.672	79.879	7.	18.	133.25	182.
00065	STAGE, STREAM (FEET)	07/11/75-11/21/84	14	1.66	1.779	2.87	0.79	0.516	0.718	0.93	1.118	2.525	2.835
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/07/77-05/28/92	20	0.5	0.525	1.2	0.2	0.086	0.294	0.2	0.225	0.675	1.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	114	32.	32.053	57.	5.	99.572	9.979	19.	23.	41.	44.
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	109	12.	11.887	14.	7.6	0.908	0.953	10.8	11.35	12.35	13.1
00310	BOD, 5 DAY, 20 DEG C MG/L	02/20/69-06/10/80	12	0.6	0.675	2.1	0.	0.384	0.62	0.	0.3	0.85	1.95
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	116	6.9	6.84	7.9	5.6	0.209	0.457	6.1	6.6	7.1	7.4
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	116	6.9	6.57	7.9	5.6	0.282	0.531	6.1	6.6	7.1	7.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	116	0.126	0.269	2.512	0.013	0.154	0.393	0.04	0.079	0.251	0.794
00403	PH, LAB, STANDARD UNITS SU	10/31/80-05/28/92	29	7.3	7.476	8.6	6.8	0.21	0.458	7.	7.2	7.7	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/31/80-05/28/92	29	7.3	7.309	8.6	6.8	0.239	0.488	7.	7.2	7.7	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/31/80-05/28/92	29	0.05	0.049	0.158	0.003	0.001	0.037	0.004	0.02	0.063	0.1
00405	CARBON DIOXIDE (MG/L AS CO2)	10/19/71-03/10/78	25	2.3	3.476	14.	0.6	12.017	3.467	0.84	1.45	4.05	8.96
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	75	7.	7.653	16.	2.	5.203	2.281	5.	6.	9.	10.4
00440	BICARBONATE ION (MG/L AS HCO3)	03/12/68-03/10/78	35	9.	9.371	14.	4.	5.299	2.302	6.	8.	11.	12.4
00445	CARBONATE ION (MG/L AS CO3)	03/12/68-03/10/78	33	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	02/20/69-11/09/81	17	0.34	0.449	1.5	0.1	0.143	0.378	0.1	0.145	0.7	1.076
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	33	0.1	0.231	1.5	0.	0.108	0.329	0.	0.01	0.285	0.726

** - Less than 9 observations ## - Computed 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: 10/16 to 3/15 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/20/70-05/28/92	38	0.03	0.036	0.16	0.	0.001	0.036	0.005	0.01	0.05	0.072
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	35	0.02	0.026	0.1	0.	0.001	0.026	0.005	0.005	0.04	0.07
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	54	0.17	0.256	1.5	0.01	0.072	0.268	0.03	0.1	0.37	0.58
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	40	0.043	0.088	1.4	0.	0.05	0.223	0.01	0.02	0.07	0.13
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	44	0.05	0.079	1.4	0.	0.047	0.216	0.005	0.025	0.05	0.07
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	35	0.	0.017	0.11	0.	0.001	0.029	0.	0.	0.03	0.06
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	75	0.01	0.018	0.12	0.	0.	0.021	0.005	0.005	0.02	0.04
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/23/74-05/28/92	29 ##	0.005	0.016	0.08	0.005	0.	0.019	0.005	0.005	0.02	0.04
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	50 ##	0.005	0.011	0.09	0.	0.	0.017	0.	0.005	0.01	0.029
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	63	8.	8.397	17.	5.	5.114	2.261	6.	7.	10.	11.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	51	0.	1.235	7.	0.	3.384	1.839	0.	0.	2.	4.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	79	2.9	2.97	6.3	1.9	0.638	0.799	2.1	2.3	3.5	4.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	79	0.3	0.269	0.8	0.	0.021	0.146	0.1	0.2	0.4	0.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	80	2.4	2.515	4.1	1.	0.433	0.658	1.71	2.	3.	3.4
00931	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	63	0.4	0.375	0.5	0.2	0.005	0.072	0.3	0.3	0.4	0.5
00932	SODIUM, PERCENT	03/12/68-01/31/86	61	38.	37.738	51.	24.	21.363	4.622	32.2	35.	41.	43.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	78	0.4	0.442	0.8	0.1	0.022	0.147	0.29	0.3	0.5	0.61
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	80	4.	4.363	10.	2.	3.702	1.924	2.	3.	5.	7.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	79	1.	1.424	5.	0.	0.764	0.874	0.5	0.9	2.	2.5
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	71	0.05	0.074	0.4	0.	0.003	0.058	0.	0.05	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	71	7.9	8.006	15.	4.4	3.297	1.816	5.82	7.	8.9	10.
01000p	ARSENIC, DISSOLVED (UG/L AS AS)	01/08/73-07/17/91	18 ##	0.5	0.972	6.	0.5	1.632	1.277	0.5	0.5	1.	1.5
01002	ARSENIC, TOTAL (UG/L AS AS)	05/29/73-09/21/82	5	1.	1.7	4.	0.5	1.95	1.396	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/10/80-05/28/92	17	7.	6.529	13.	1.	8.14	2.853	2.6	4.5	8.5	9.8
01020	BORON, DISSOLVED (UG/L AS B)	03/12/68-06/10/80	29	10.	11.207	40.	0.	99.384	9.969	0.	7.5	10.	30.
01025p	CADMIUM, DISSOLVED (UG/L AS CD)	01/08/73-07/17/91	18 ##	0.5	0.556	1.	0.	0.056	0.236	0.45	0.5	0.5	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	05/29/73-09/21/82	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01030p	CHROMIUM, DISSOLVED (UG/L AS CR)	01/08/73-07/17/91	18 ##	0.5	0.667	2.	0.	0.324	0.569	0.	0.5	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/29/73-09/21/82	5 ##	10.	7.	15.	0.	45.	6.708	**	**	**	**
01035p	COBALT, DISSOLVED (UG/L AS CO)	10/06/70-05/28/92	20 ##	1.5	1.275	1.5	0.	0.302	0.55	0.	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	11/10/76-07/17/91	17 ##	0.5	0.912	3.	0.	0.57	0.755	0.4	0.5	1.	2.2
01045	IRON, TOTAL (UG/L AS FE)	05/29/73-09/21/82	5	90.	87.	130.	5.	2620.	51.186	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	03/12/68-05/28/92	35	40.	45.886	140.	0.	700.339	26.464	16.6	30.	60.	77.6
01049p	LEAD, DISSOLVED (UG/L AS PB)	01/08/73-07/17/91	18 ##	2.	1.972	7.	0.	3.573	1.89	0.45	0.5	2.5	6.1
01051	LEAD, TOTAL (UG/L AS PB)	05/29/73-09/21/82	4 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	05/23/74-05/28/92	19 ##	1.	1.737	5.	0.5	2.316	1.522	0.5	0.5	2.	5.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/31/80-05/28/92	17 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/25/77-05/28/92	17 ##	0.5	0.618	2.	0.5	0.142	0.376	0.5	0.5	0.5	1.2
01080p	STRONTIUM, DISSOLVED (UG/L AS SR)	12/11/68-05/28/92	18	52.5	64.556	320.	27.	4288.614	65.488	28.8	36.75	64.25	103.1
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/31/80-05/28/92	17 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090p	ZINC, DISSOLVED (UG/L AS ZN)	01/08/73-07/17/91	18	9.	9.	18.	0.	31.647	5.626	0.	4.	13.25	18.
01092	ZINC, TOTAL (UG/L AS ZN)	05/29/73-09/21/82	5 ##	10.	9.2	20.	0.	53.2	7.294	**	**	**	**
01130p	LITHIUM, DISSOLVED (UG/L AS LI)	12/11/68-05/28/92	18	9.	8.444	11.	5.	3.203	1.79	5.9	7.	10.	11.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/10/76-05/28/92	19 ##	0.5	0.474	0.5	0.	0.013	0.115	0.5	0.5	0.5	0.5
03515p	BETA, DISSOLVED GROSS, AS CS-137, PC/L	11/20/67-01/16/92	10	1.7	1.98	3.9	1.	0.755	0.869	1.03	1.375	2.575	3.79
03516p	BETA, SUSPENDED GROSS, AS CS-137, PC/L	11/20/67-01/16/92	10 ##	0.3	0.315	0.6	0.2	0.014	0.12	0.2	0.2	0.363	0.58
09511p	RADIUM 226, DISSOLVED, RADON METHOD	11/20/67-01/16/92	10	0.05	0.051	0.09	0.03	0.	0.02	0.03	0.03	0.07	0.088
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/76-05/26/93	44	1.	2.761	20.	0.	15.773	3.972	0.5	0.5	2.	9.5
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/76-05/26/93	44	0.	0.164	1.301	-0.301	0.215	0.463	-0.301	-0.301	0.301	0.977
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.46								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/04/76-11/18/92	42	2.	4.083	40.	0.5	51.523	7.178	0.5	0.5	4.	7.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/04/76-11/18/92	42	0.301	0.3	1.602	-0.301	0.241	0.491	-0.301	-0.301	0.602	0.845
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.994								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	67	25.	26.03	51.	10.	61.484	7.841	18.	20.	32.	37.2
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	52	24.5	24.423	37.	16.	20.327	4.509	19.	20.25	27.	30.7
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	63	3.93	4.956	22.7	0.03	17.698	4.207	0.568	1.25	8.2	10.1
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	63	0.03	0.035	0.07	0.01	0.	0.011	0.02	0.03	0.04	0.05
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/26/70-01/16/92	25	50.	53.08	94.	0.	521.493	22.836	20.6	40.5	66.5	84.2
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	12/18/68-01/31/86	27	0.06	0.058	0.19	0.	0.002	0.048	0.	0.01	0.08	0.126

** - Less than 9 observations ## - Computed 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: 10/16 to 3/15 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/18/68-10/09/79	20	0.1	0.125	0.4	0.	0.018	0.133	0.	0.	0.275	0.3
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/30/78-11/18/85	18	0.06	0.123	0.74	0.	0.032	0.18	0.	0.03	0.143	0.407
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/22/73-11/09/81	10	1.55	1.87	6.7	0.4	3.478	1.865	0.4	0.625	2.15	6.32
71890p	MERCURY, DISSOLVED (UG/L AS HG)	10/18/71-07/17/91	21 ##	0.05	0.717	6.7	0.05	2.827	1.681	0.05	0.05	0.25	3.74
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/71-09/21/82	9	0.3	1.244	4.3	0.05	2.557	1.599	0.05	0.25	2.75	4.3
80030p	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	11/20/67-01/16/92	10	1.15	1.17	1.7	0.5	0.113	0.337	0.54	1.05	1.375	1.69
80040p	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	11/20/67-01/16/92	10 ##	0.3	0.28	0.4	0.2	0.006	0.079	0.2	0.2	0.325	0.4
80050p	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	11/20/67-01/16/92	10	1.6	1.77	3.3	1.	0.467	0.683	1.02	1.275	2.175	3.21
80060p	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	11/20/67-01/16/92	10 ##	0.3	0.295	0.6	0.2	0.015	0.121	0.2	0.2	0.313	0.575
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	66	2.	1.841	4.	0.	0.947	0.973	1.	1.	2.	3.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	11/05/69-09/21/82	31	0.18	0.321	1.4	0.	0.147	0.383	0.002	0.05	0.42	0.98

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

Seasonal Analysis for Season #3: 3/16 to 5/31 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	85	8.5	7.431	12.8	0.5	9.905	3.147	2.5	5.	9.5	11.
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/68-04/04/77	10	852.	765.	1540.	34.	243797.778	493.759	48.3	319.5	1177.5	1509.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	44	595.	710.386	2660.	115.	358363.033	598.634	137.	228.25	954.	1585.
00065	STAGE, STREAM (FEET)	07/11/75-11/21/84	6	3.38	3.582	5.85	1.68	2.248	1.499	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/07/77-05/28/92	9	0.6	0.622	1.3	0.3	0.114	0.338	0.3	0.35	0.85	1.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	77	10.	13.883	65.	6.	89.578	9.465	7.	8.	16.	24.2
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	65	10.8	11.472	18.	9.7	3.97	1.993	9.9	10.6	11.7	14.32
00310	BOD, 5 DAY, 20 DEG C MG/L	02/20/69-06/10/80	8	0.55	0.638	1.6	0.	0.243	0.493	**	**	**	**
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	72	6.8	6.797	7.7	5.7	0.127	0.356	6.4	6.6	7.075	7.2
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	72	6.8	6.642	7.7	5.7	0.152	0.389	6.4	6.6	7.075	7.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	72	0.158	0.228	1.995	0.02	0.073	0.269	0.063	0.085	0.251	0.398
00403	PH, LAB, STANDARD UNITS SU	10/31/80-05/28/92	15	7.5	7.367	8.3	6.2	0.458	0.677	6.5	6.7	7.9	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	10/31/80-05/28/92	15	7.5	6.945	8.3	6.2	0.648	0.805	6.5	6.7	7.9	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/31/80-05/28/92	15	0.032	0.113	0.631	0.005	0.027	0.163	0.005	0.013	0.2	0.372
00405	CARBON DIOXIDE (MG/L AS CO2)	10/19/71-03/10/78	12	1.6	2.283	6.	0.5	2.658	1.63	0.65	1.2	3.15	5.55
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	37	5.	6.324	18.	1.	14.281	3.779	2.8	4.	7.	12.
00440	BICARBONATE ION (MG/L AS HCO3)	03/12/68-03/10/78	17	9.	9.353	22.	3.	23.243	4.821	3.8	5.5	12.	16.4
00445	CARBONATE ION (MG/L AS CO3)	03/12/68-03/10/78	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	02/20/69-11/09/81	9	0.35	0.372	0.84	0.03	0.061	0.248	0.03	0.18	0.55	0.84
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	18	0.16	0.304	1.7	0.	0.17	0.412	0.	0.06	0.415	0.926
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/20/70-05/28/92	21	0.03	0.05	0.22	0.	0.004	0.06	0.005	0.01	0.06	0.158
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	22	0.025	0.03	0.08	0.005	0.001	0.026	0.005	0.005	0.053	0.077
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	29	0.25	0.323	1.7	0.05	0.108	0.329	0.08	0.1	0.46	0.6
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	21	0.03	0.035	0.1	0.	0.001	0.024	0.002	0.015	0.05	0.06
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	27	0.05	0.055	0.4	0.	0.005	0.073	0.008	0.025	0.05	0.1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	19	0.	0.021	0.12	0.	0.001	0.032	0.	0.	0.03	0.06
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	39	0.01	0.027	0.3	0.005	0.003	0.051	0.005	0.005	0.02	0.05
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/23/74-05/28/92	16	0.01	0.017	0.06	0.005	0.	0.017	0.005	0.005	0.028	0.046
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	26 ##	0.005	0.008	0.04	0.	0.	0.008	0.	0.005	0.01	0.02
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	31	5.	5.452	16.	1.	7.923	2.815	3.	4.	6.	8.8
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	26	0.	0.692	6.	0.	2.622	1.619	0.	0.	0.	4.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	40	1.4	1.648	5.7	0.2	0.861	0.928	0.9	1.025	2.	2.47
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	40	0.15	0.195	0.7	0.	0.027	0.164	0.05	0.1	0.2	0.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	40	1.35	1.558	7.4	0.5	1.356	1.165	0.7	1.	1.775	2.59
00931	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	31	0.3	0.329	1.4	0.1	0.047	0.216	0.2	0.2	0.4	0.4
00932	SODIUM, PERCENT	03/12/68-01/31/86	31	37.	38.161	74.	17.	81.606	9.034	30.2	35.	41.	45.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	40	0.3	0.334	0.8	0.	0.024	0.155	0.11	0.2	0.4	0.5
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	40	1.	1.461	8.	0.05	1.985	1.409	0.4	0.6	2.	3.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	39	1.	1.467	5.	0.	1.084	1.041	0.5	0.6	2.	3.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	34	0.05	0.066	0.2	0.	0.002	0.049	0.	0.05	0.1	0.1

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

Seasonal Analysis for Season #3: 3/16 to 5/31 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	36	6.1	6.247	10.	2.3	3.734	1.932	3.89	4.625	7.875	8.93
01000p	ARSENIC, DISSOLVED (UG/L AS AS)	01/08/73-07/17/91	10 ##	0.5	0.55	1.	0.5	0.025	0.158	0.5	0.5	0.5	0.95
01002	ARSENIC, TOTAL (UG/L AS AS)	05/29/73-09/21/82	5	1.	1.2	3.	0.5	1.075	1.037	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/10/80-05/28/92	9	7.	5.444	10.	1.	9.528	3.087	1.	2.	7.	10.
01020	BORON, DISSOLVED (UG/L AS B)	03/12/68-06/10/80	14	10.	25.714	100.	0.	841.758	29.013	0.	10.	35.	85.
01025p	CADMIUM, DISSOLVED (UG/L AS CD)	01/08/73-07/17/91	10 ##	0.5	0.85	2.	0.5	0.281	0.53	0.5	0.5	1.125	1.95
01027	CADMIUM, TOTAL (UG/L AS CD)	05/29/73-09/21/82	6 ##	0.5	3.5	10.	0.	25.5	5.05	**	**	**	**
01030p	CHROMIUM, DISSOLVED (UG/L AS CR)	01/08/73-07/17/91	11 ##	0.5	0.364	1.	0.	0.105	0.323	0.	0.	0.5	0.9
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/29/73-09/21/82	6 ##	10.	6.667	10.	0.	26.667	5.164	**	**	**	**
01035p	COBALT, DISSOLVED (UG/L AS CO)	10/06/70-05/28/92	11 ##	1.5	1.591	4.5	0.	1.141	1.068	0.2	1.5	1.5	3.9
01040	COPPER, DISSOLVED (UG/L AS CU)	11/10/76-07/17/91	10 ##	1.	2.95	15.	0.	20.025	4.475	0.05	0.875	3.5	14.
01045	IRON, TOTAL (UG/L AS FE)	05/29/73-09/21/82	5	140.	150.	250.	50.	6050.	77.782	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	03/12/68-05/28/92	20	40.	36.6	70.	14.	262.358	16.197	18.1	21.25	49.	60.
01049p	LEAD, DISSOLVED (UG/L AS PB)	01/08/73-07/17/91	10 ##	2.5	4.7	15.	0.5	31.233	5.589	0.5	0.875	7.5	15.
01051	LEAD, TOTAL (UG/L AS PB)	05/29/73-09/21/82	5 ##	100.	62.4	100.	5.	2651.3	51.491	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	05/23/74-05/28/92	11	2.	2.773	5.	1.	2.468	1.571	1.	1.5	5.	5.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/31/80-05/28/92	9 ##	5.	6.111	15.	5.	11.111	3.333	5.	5.	5.	15.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/25/77-05/28/92	10 ##	0.5	0.45	1.	0.	0.081	0.284	0.	0.375	0.5	0.95
01080p	STRONTIUM, DISSOLVED (UG/L AS SR)	12/11/68-05/28/92	9	14.	14.889	29.	10.	34.111	5.84	10.	11.	16.5	29.
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/31/80-05/28/92	9 ##	3.	3.222	5.	3.	0.444	0.667	3.	3.	3.	5.
01090p	ZINC, DISSOLVED (UG/L AS ZN)	01/08/73-07/17/91	11	9.	9.727	29.	0.	53.218	7.295	0.6	7.	11.	25.6
01092	ZINC, TOTAL (UG/L AS ZN)	05/29/73-09/21/82	6	15.	20.	40.	10.	160.	12.649	**	**	**	**
01130p	LITHIUM, DISSOLVED (UG/L AS LI)	12/11/68-05/28/92	9 ##	2.	3.667	9.	2.	7.	2.646	2.	2.	6.	9.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/10/76-05/28/92	10 ##	0.5	0.45	0.5	0.	0.025	0.158	0.05	0.5	0.5	0.5
03515p	BETA, DISSOLVED GROSS, AS CS-137, PC/L	11/20/67-01/16/92	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
03516p	BETA, SUSPENDED GROSS, AS CS-137, PC/L	11/20/67-01/16/92	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
09511p	RADIUM 226, DISSOLVED, RADON METHOD	11/20/67-01/16/92	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/76-05/26/93	20 ##	0.5	0.975	4.	0.5	0.723	0.85	0.5	0.5	1.	2.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/76-05/26/93	20 ##	-0.301	-0.105	0.602	-0.301	0.069	0.263	-0.301	-0.301	0.	0.301
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.785								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/04/76-11/18/92	18	1.5	3.056	16.	0.5	17.82	4.221	0.5	0.5	3.5	11.5
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/04/76-11/18/92	18	0.151	0.176	1.204	-0.301	0.266	0.516	-0.301	-0.301	0.533	1.058
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.5								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	30	16.	16.8	33.	0.	61.752	7.858	8.	11.5	22.25	27.7
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	27	18.	17.593	32.	0.	57.02	7.551	8.6	12.	22.	28.
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	31	20.8	35.041	169.	2.11	1274.911	35.706	6.96	12.1	43.2	89.38
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	31	0.03	0.027	0.04	0.01	0.	0.008	0.02	0.02	0.03	0.04
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/26/70-01/16/92	12	51.	55.917	92.	17.	560.811	23.681	18.8	51.	80.	91.1
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	12/18/68-01/31/86	14	0.07	0.087	0.28	0.	0.007	0.086	0.	0.01	0.145	0.245
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/18/68-10/09/79	9	0.1	0.1	0.3	0.	0.01	0.1	0.	0.	0.15	0.3
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/30/78-11/18/85	10	0.06	0.057	0.15	0.	0.002	0.046	0.	0.023	0.09	0.144
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/22/73-11/09/81	7	1.3	1.186	2.1	0.1	0.445	0.667	**	**	**	**
71890p	MERCURY, DISSOLVED (UG/L AS HG)	10/18/71-07/17/91	12 ##	0.075	0.558	3.5	0.05	1.05	1.025	0.05	0.05	0.663	2.9
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/71-09/21/82	8 ##	0.25	0.669	3.3	0.05	1.221	1.105	**	**	**	**
80030p	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	11/20/67-01/16/92	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
80040p	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	11/20/67-01/16/92	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
80050p	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	11/20/67-01/16/92	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
80060p	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	11/20/67-01/16/92	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	48	2.	3.896	49.	1.	53.712	7.329	1.	1.	4.	6.1
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	11/05/69-09/21/82	21	3.	12.544	144.	0.32	962.024	31.017	0.38	0.865	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

Seasonal Analysis for Season #4: 6/01 to 8/31 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/68-05/26/93	92	14.	13.907	19.	7.	7.343	2.71	9.65	12.5	15.5	17.
00060	FLOW, STREAM, MEAN DAILY CFS	03/12/68-04/04/77	8	552.	671.875	2010.	29.	493400.411	702.425	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/19/71-11/18/92	86	74.5	385.023	2900.	0.	464679.905	681.674	5.	5.	474.	1380.
00065	STAGE, STREAM (FEET)	07/11/75-11/21/84	10	3.47	3.572	6.8	1.07	3.705	1.925	1.092	1.763	5.038	6.734
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/07/77-05/28/92	10	0.9	0.89	1.6	0.	0.228	0.477	0.05	0.575	1.2	1.59
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/68-05/26/93	85	17.	21.494	40.	3.	144.134	12.006	8.	10.5	37.	38.
00300p	OXYGEN, DISSOLVED MG/L	03/12/68-05/26/93	79	9.	9.238	11.4	7.8	0.712	0.844	8.3	8.7	10.	10.5
00310	BOD, 5 DAY, 20 DEG C MG/L	02/20/69-06/10/80	11	0.6	0.682	1.4	0.	0.172	0.414	0.04	0.5	1.	1.36
00400p	PH (STANDARD UNITS)	03/12/68-11/18/92	83	7.	6.872	8.	5.9	0.171	0.413	6.24	6.6	7.2	7.3
00400p	CONVERTED PH (STANDARD UNITS)	03/12/68-11/18/92	83	7.	6.656	8.	5.9	0.218	0.467	6.24	6.6	7.2	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/12/68-11/18/92	83	0.1	0.221	1.259	0.01	0.071	0.267	0.05	0.063	0.251	0.579
00403	PH, LAB, STANDARD UNITS SU	10/31/80-05/28/92	14	7.3	7.271	8.5	5.6	0.473	0.688	6.	7.1	7.6	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/31/80-05/28/92	14	7.289	6.608	8.5	5.6	0.947	0.973	6.	7.1	7.6	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/31/80-05/28/92	14	0.051	0.247	2.512	0.003	0.435	0.659	0.008	0.027	0.079	1.455
00405	CARBON DIOXIDE (MG/L AS CO2)	10/19/71-03/10/78	18	1.6	1.678	3.	0.3	0.659	0.812	0.39	1.25	2.425	2.91
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/12/68-07/11/89	76	6.	5.961	16.	1.	7.398	2.72	2.	4.	8.	9.
00440	BICARBONATE ION (MG/L AS HCO3)	03/12/68-03/10/78	26	6.	6.231	12.	1.	6.745	2.597	2.7	5.	8.	10.3
00445	CARBONATE ION (MG/L AS CO3)	03/12/68-03/10/78	26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	02/20/69-11/09/81	14	0.195	0.4	1.5	0.05	0.173	0.415	0.07	0.098	0.643	1.15
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/18/68-11/18/85	23	0.17	0.273	1.3	0.	0.104	0.322	0.038	0.08	0.32	0.852
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/20/70-05/28/92	23	0.03	0.044	0.16	0.	0.002	0.042	0.002	0.01	0.08	0.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/22/73-05/28/92	26	0.02	0.037	0.16	0.005	0.002	0.044	0.005	0.009	0.055	0.126
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/05/69-05/28/92	34	0.205	0.319	1.4	0.02	0.11	0.332	0.08	0.1	0.408	0.895
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/22/73-05/28/92	26	0.028	0.065	0.59	0.	0.014	0.119	0.01	0.018	0.05	0.184
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/06/71-05/28/92	29	0.05	0.082	0.9	0.	0.026	0.162	0.	0.03	0.06	0.1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/18/68-09/30/80	26	0.	0.025	0.15	0.	0.002	0.039	0.	0.	0.038	0.09
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/70-05/28/92	46	0.01	0.015	0.08	0.005	0.	0.014	0.005	0.005	0.02	0.03
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/23/74-05/28/92	18	0.01	0.013	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.021
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/70-05/28/92	33 ##	0.005	0.01	0.05	0.	0.	0.01	0.002	0.005	0.01	0.02
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/12/68-01/31/86	43	4.	4.349	10.	1.	4.804	2.192	2.	3.	6.	8.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/12/68-02/10/83	35	0.	0.714	5.	0.	1.916	1.384	0.	0.	1.	3.4
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	03/12/68-05/28/92	53	1.3	1.417	3.8	0.3	0.535	0.732	0.64	0.9	1.7	2.64
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/12/68-05/28/92	52	0.2	0.184	0.7	0.	0.021	0.145	0.05	0.1	0.2	0.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	03/12/68-05/28/92	54	1.	1.128	4.	0.1	0.519	0.721	0.5	0.6	1.425	2.1
00931	SODIUM ADSORPTION RATIO	03/12/68-01/31/86	43	0.2	0.237	0.6	0.	0.011	0.107	0.1	0.2	0.3	0.36
00932	SODIUM, PERCENT	03/12/68-01/31/86	43	35.	34.093	54.	4.	82.229	9.068	22.6	30.	39.	44.6
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	03/12/68-05/28/92	54	0.2	0.26	0.6	0.05	0.014	0.117	0.1	0.2	0.3	0.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	03/12/68-05/28/92	54	0.85	1.378	7.	0.	2.317	1.522	0.075	0.4	2.	3.
00945p	SULFATE, TOTAL (MG/L AS SO4)	03/12/68-05/28/92	53	1.	1.366	6.	0.	1.468	1.211	0.2	0.5	2.	3.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	03/12/68-05/28/92	39	0.05	0.087	0.4	0.	0.008	0.092	0.	0.05	0.1	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	03/12/68-05/28/92	46	3.7	3.807	6.4	0.9	0.834	0.913	2.94	3.275	4.25	5.09
01000p	ARSENIC, DISSOLVED (UG/L AS AS)	01/08/73-07/17/91	17	1.	1.147	3.	0.	0.868	0.931	0.4	0.5	1.	3.
01002	ARSENIC, TOTAL (UG/L AS AS)	05/29/73-09/21/82	10	1.	2.35	9.	0.5	7.114	2.667	0.55	1.	2.75	8.6
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/10/80-05/28/92	9	7.	5.667	10.	0.	14.25	3.775	0.	2.	9.	10.
01020	BORON, DISSOLVED (UG/L AS B)	03/12/68-06/10/80	19	10.	12.842	100.	0.	482.363	21.963	0.	0.	10.	20.
01025p	CADMIUM, DISSOLVED (UG/L AS CD)	01/08/73-07/17/91	16 ##	0.5	0.313	1.	0.	0.096	0.31	0.	0.	0.5	0.65
01027	CADMIUM, TOTAL (UG/L AS CD)	05/29/73-09/21/82	9 ##	10.	7.778	10.	0.	19.444	4.41	0.	5.	10.	10.
01030p	CHROMIUM, DISSOLVED (UG/L AS CR)	01/08/73-07/17/91	17 ##	0.	0.324	3.	0.	0.529	0.728	0.	0.	0.5	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/29/73-09/21/82	10 ##	0.	3.	10.	0.	23.333	4.83	0.	0.	10.	10.
01035p	COBALT, DISSOLVED (UG/L AS CO)	10/06/70-05/28/92	15 ##	1.5	0.8	1.5	0.	0.6	0.775	0.	0.	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	11/10/76-07/17/91	11 ##	0.5	1.318	5.	0.	3.464	1.861	0.	0.	1.	5.
01045	IRON, TOTAL (UG/L AS FE)	05/29/73-09/21/82	10	75.	113.	260.	60.	4534.444	67.338	61.	70.	172.5	252.
01046p	IRON, DISSOLVED (UG/L AS FE)	03/12/68-05/28/92	25	34.	42.4	100.	0.	613.083	24.761	16.	27.5	55.	84.
01049p	LEAD, DISSOLVED (UG/L AS PB)	01/08/73-07/17/91	17 ##	1.	2.471	17.	0.	15.921	3.99	0.	0.5	2.5	7.4
01051	LEAD, TOTAL (UG/L AS PB)	05/29/73-09/21/82	9 ##	25.	54.556	100.	3.	1908.278	43.684	3.	19.	100.	100.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	05/23/74-05/28/92	11	1.	1.364	5.	0.	1.955	1.398	0.1	0.5	2.	4.4
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/31/80-05/28/92	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/25/77-05/28/92	9 ##	0.5	0.333	0.5	0.	0.063	0.25	0.	0.	0.5	0.5
01080p	STRONTIUM, DISSOLVED (UG/L AS SR)	12/11/68-05/28/92	8	18.	16.625	24.	7.	34.554	5.878	**	**	**	**

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

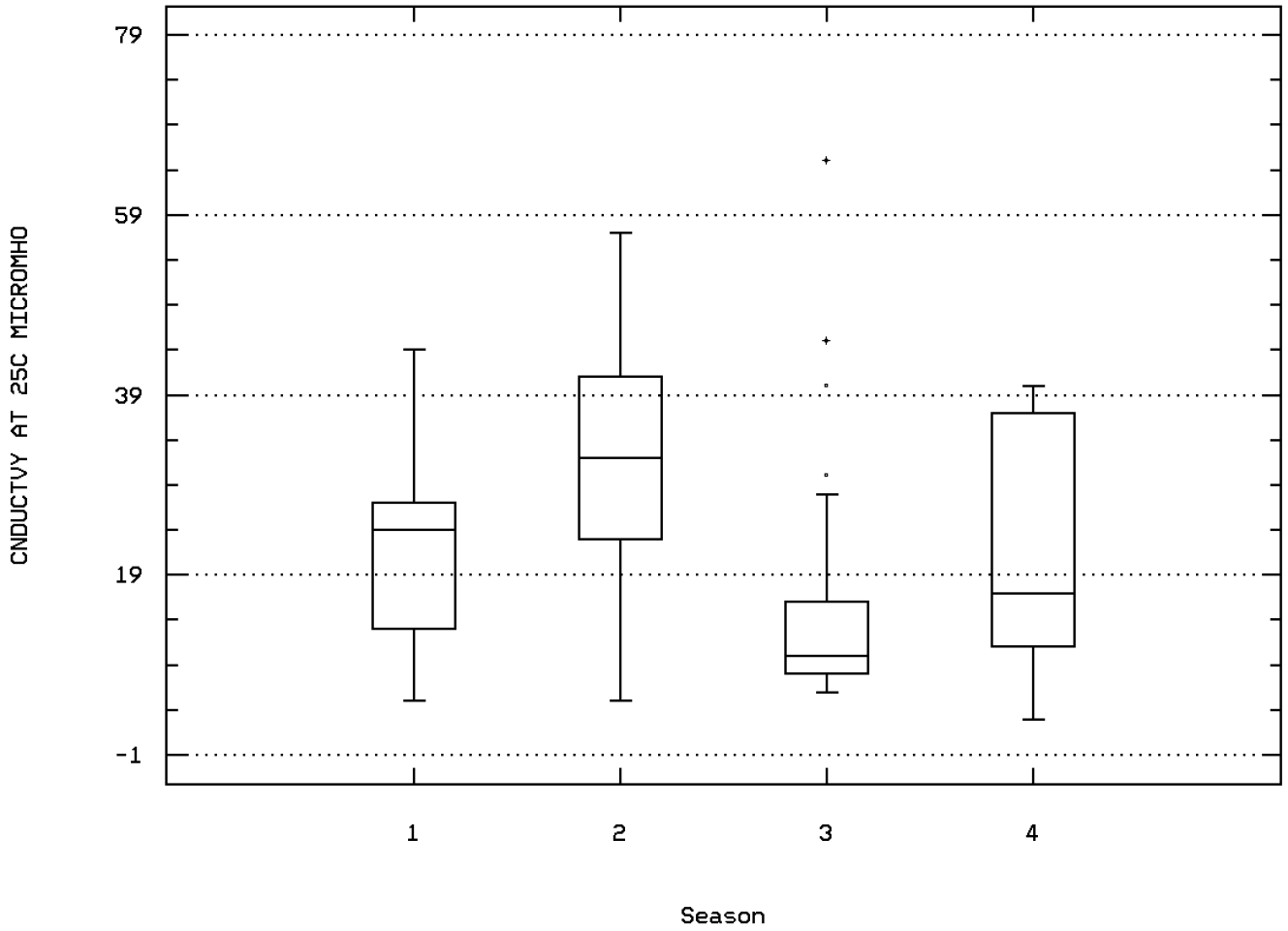
Seasonal Analysis for Season #4: 6/01 to 8/31 - Station YOSE0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/31/80-05/28/92	8 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090p	ZINC, DISSOLVED (UG/L AS ZN)	01/08/73-07/17/91	15	6.	6.933	20.	0.	38.21	6.181	0.	0.	10.	18.2
01092	ZINC, TOTAL (UG/L AS ZN)	05/29/73-09/21/82	9	10.	15.	40.	0.	262.5	16.202	0.	0.	30.	40.
01130p	LITHIUM, DISSOLVED (UG/L AS LI)	12/11/68-05/28/92	8 ##	2.	3.25	6.	2.	3.357	1.832	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/10/76-05/28/92	10 ##	0.5	2.35	20.	0.	38.503	6.205	0.	0.375	0.5	18.05
03515p	BETA, DISSOLVED GROSS, AS CS-137, PC/L	11/20/67-01/16/92	10	1.1	1.24	2.9	0.6	0.423	0.65	0.62	0.875	1.325	2.78
03516p	BETA, SUSPENDED GROSS, AS CS-137, PC/L	11/20/67-01/16/92	10 ##	0.3	0.36	0.7	0.2	0.032	0.178	0.2	0.2	0.525	0.69
09511p	RADIUM 226, DISSOLVED, RADON METHOD	11/20/67-01/16/92	9	0.05	0.044	0.07	0.02	0.	0.016	0.02	0.03	0.055	0.07
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/76-05/26/93	22	3.5	7.841	51.	0.5	146.795	12.116	0.5	0.875	8.25	27.6
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/76-05/26/93	22	0.54	0.5	1.708	-0.301	0.379	0.615	-0.301	-0.075	0.916	1.437
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			3.159								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/04/76-11/18/92	22	8.5	17.114	110.	0.5	628.808	25.076	1.	3.75	18.	47.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	10/04/76-11/18/92	22	0.923	0.892	2.041	-0.301	0.339	0.582	0.	0.571	1.255	1.676
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			7.802								
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/07/71-05/28/92	41	12.	13.549	37.	2.5	50.873	7.133	6.	8.5	17.5	23.4
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/12/68-05/16/89	31	13.	13.452	30.	5.	31.456	5.609	7.2	10.	15.	24.
70302	SOLIDS, DISSOLVED-TONS PER DAY	03/12/68-11/18/85	41	8.45	19.427	141.	0.23	861.671	29.354	1.036	2.15	25.7	62.82
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/12/68-02/10/83	39	0.02	0.019	0.05	0.01	0.	0.01	0.01	0.01	0.02	0.03
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/26/70-01/16/92	4	46.5	50.75	67.	43.	120.25	10.966	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	12/18/68-01/31/86	17	0.03	0.051	0.21	0.	0.003	0.058	0.	0.005	0.085	0.146
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/18/68-10/09/79	10	0.05	0.08	0.3	0.	0.011	0.103	0.	0.	0.125	0.29
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/30/78-11/18/85	10	0.075	0.113	0.31	0.03	0.01	0.098	0.03	0.03	0.175	0.304
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/22/73-11/09/81	9	2.2	2.378	6.4	0.2	3.879	1.97	0.2	0.45	3.5	6.4
71890p	MERCURY, DISSOLVED (UG/L AS HG)	10/18/71-07/17/91	19 ##	0.25	0.326	1.8	0.	0.262	0.512	0.	0.05	0.25	1.7
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/71-09/21/82	15 ##	0.25	0.257	1.	0.	0.049	0.222	0.03	0.2	0.25	0.55
80030p	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	11/20/67-01/16/92	10	0.55	0.57	1.3	0.2	0.113	0.337	0.21	0.3	0.75	1.26
80040p	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	11/20/67-01/16/92	10 ##	0.3	0.42	1.	0.2	0.082	0.286	0.2	0.2	0.65	0.98
80050p	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	11/20/67-01/16/92	10	1.	1.1	2.5	0.5	0.351	0.593	0.51	0.675	1.25	2.42
80060p	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	11/20/67-01/16/92	10 ##	0.3	0.35	0.7	0.2	0.027	0.165	0.2	0.2	0.5	0.68
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/05/69-05/28/92	30	2.	1.967	9.	0.	4.033	2.008	0.	1.	2.	4.8
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	11/05/69-09/21/82	19	1.4	6.658	55.	0.04	202.211	14.22	0.08	0.23	4.7	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

Station: YOSE0047 Parameter Code: 00095

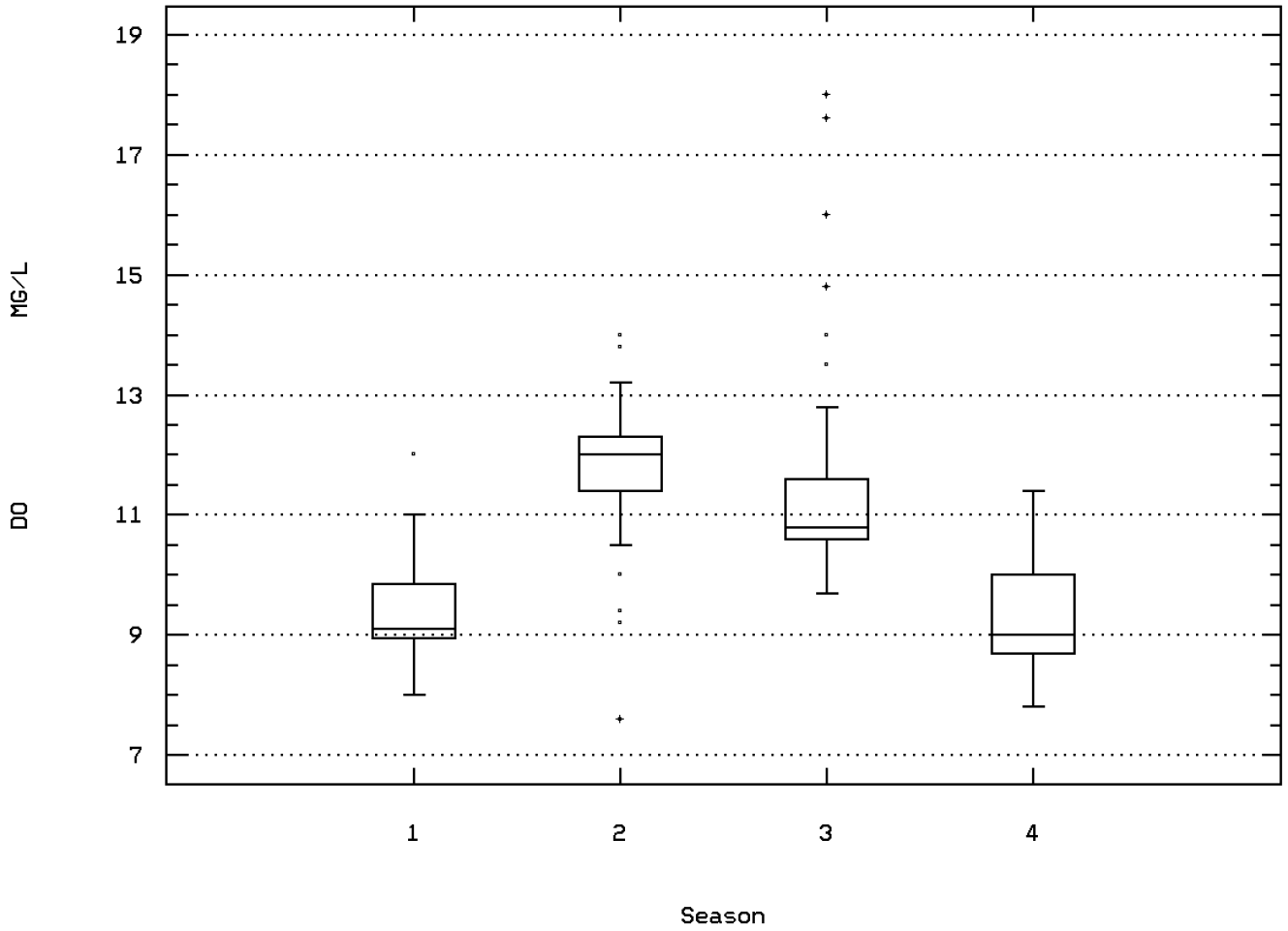
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



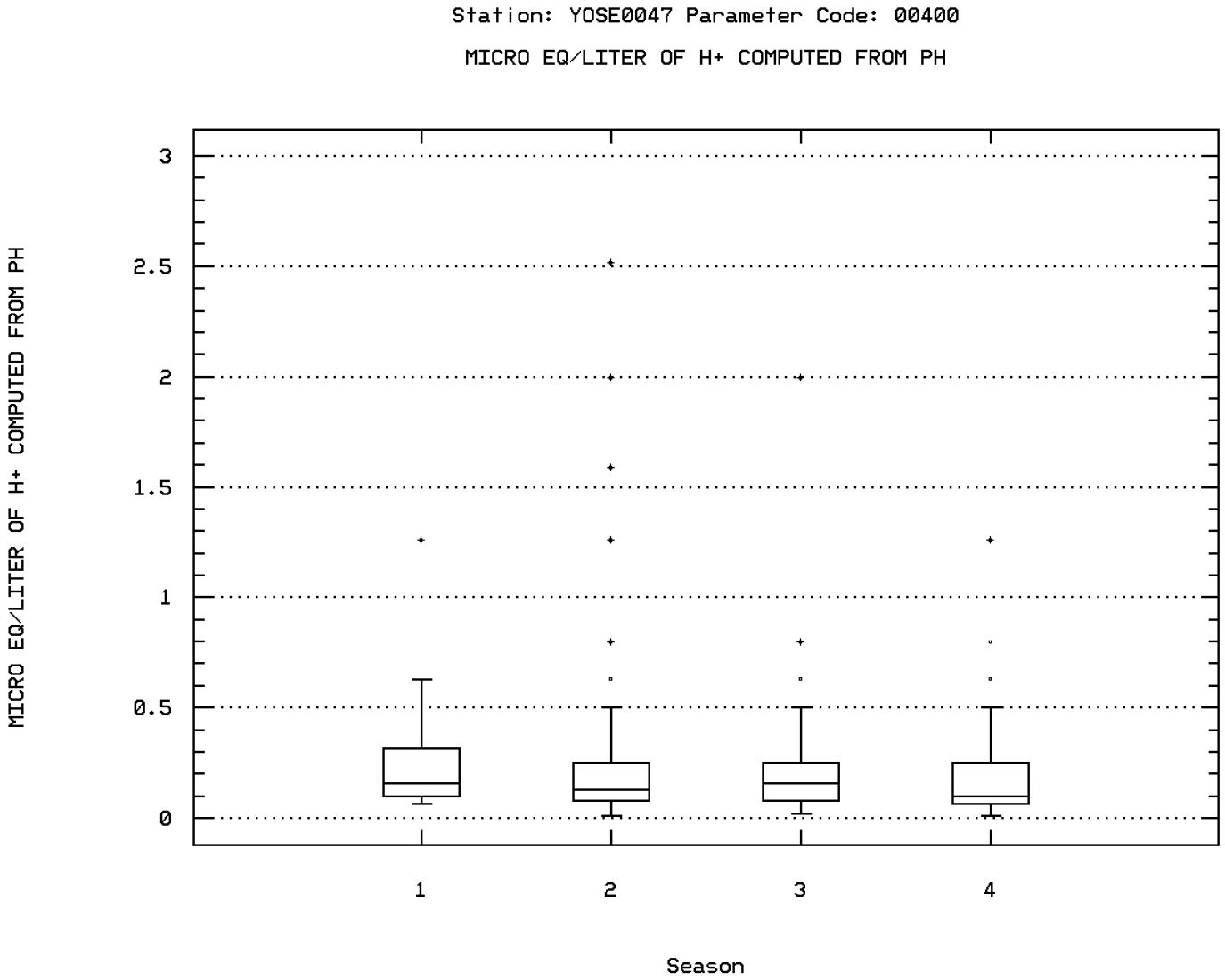
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00300

OXYGEN, DISSOLVED



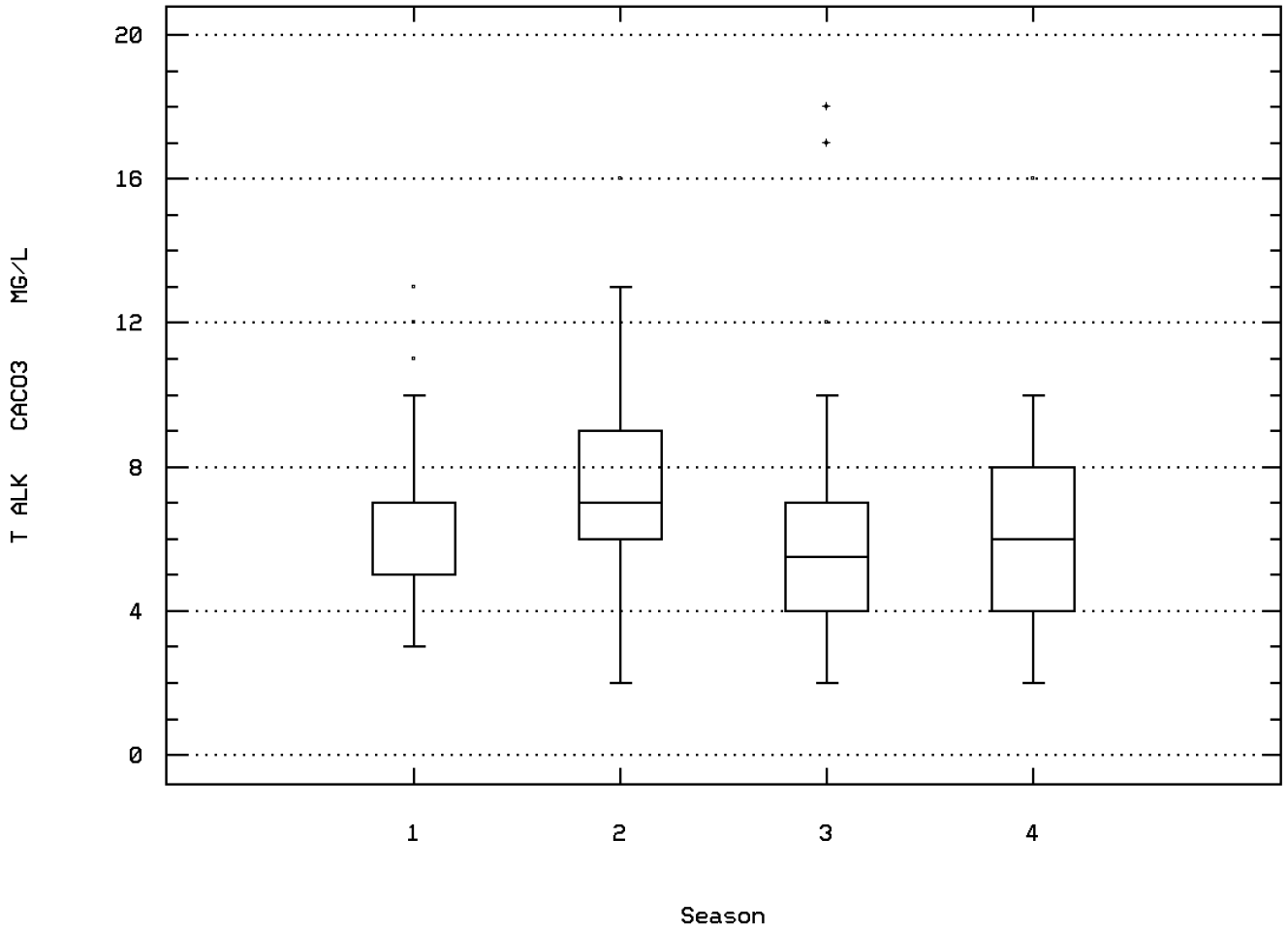
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00410

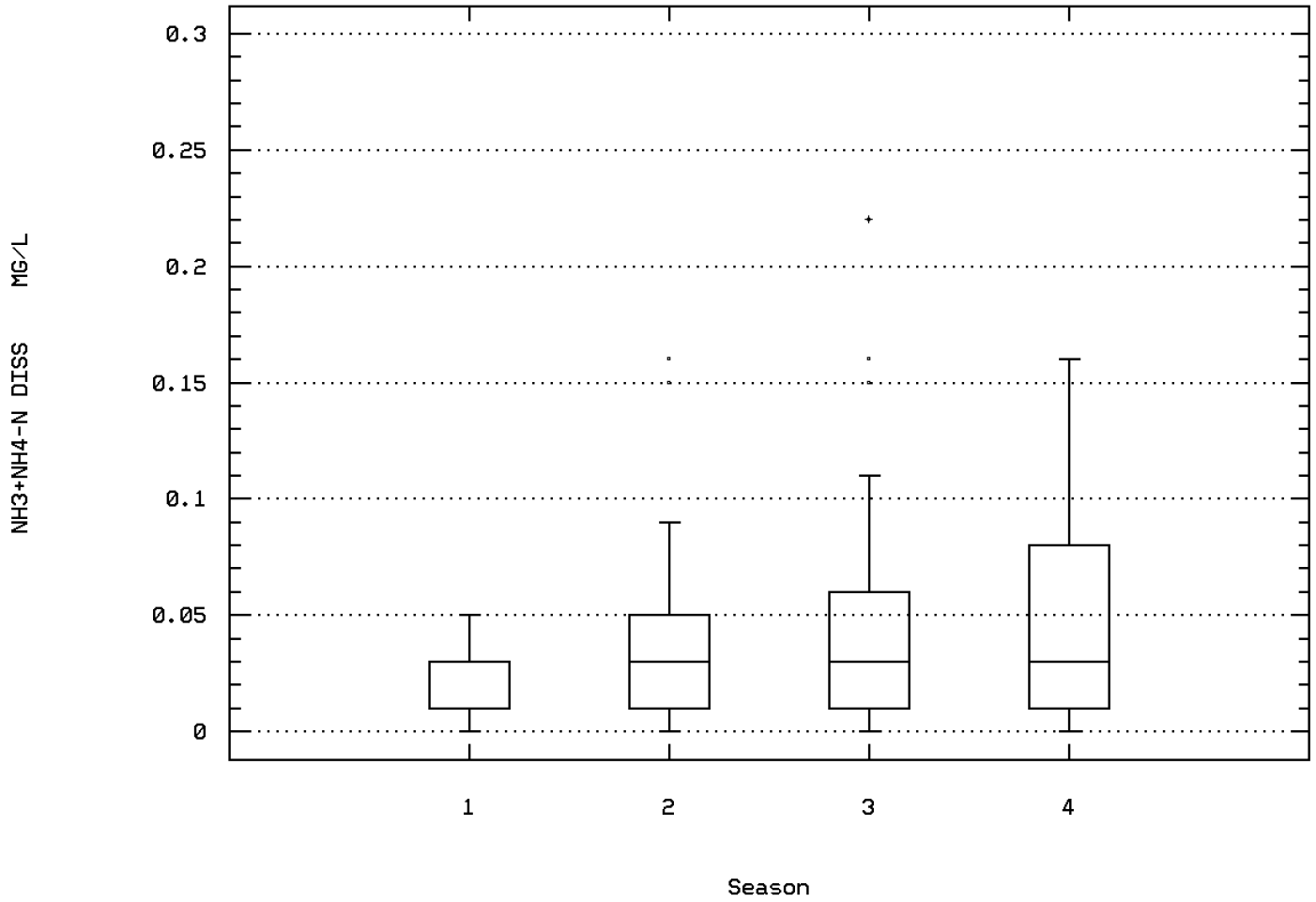
ALKALINITY, TOTAL (MG/L AS CACO3)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00608

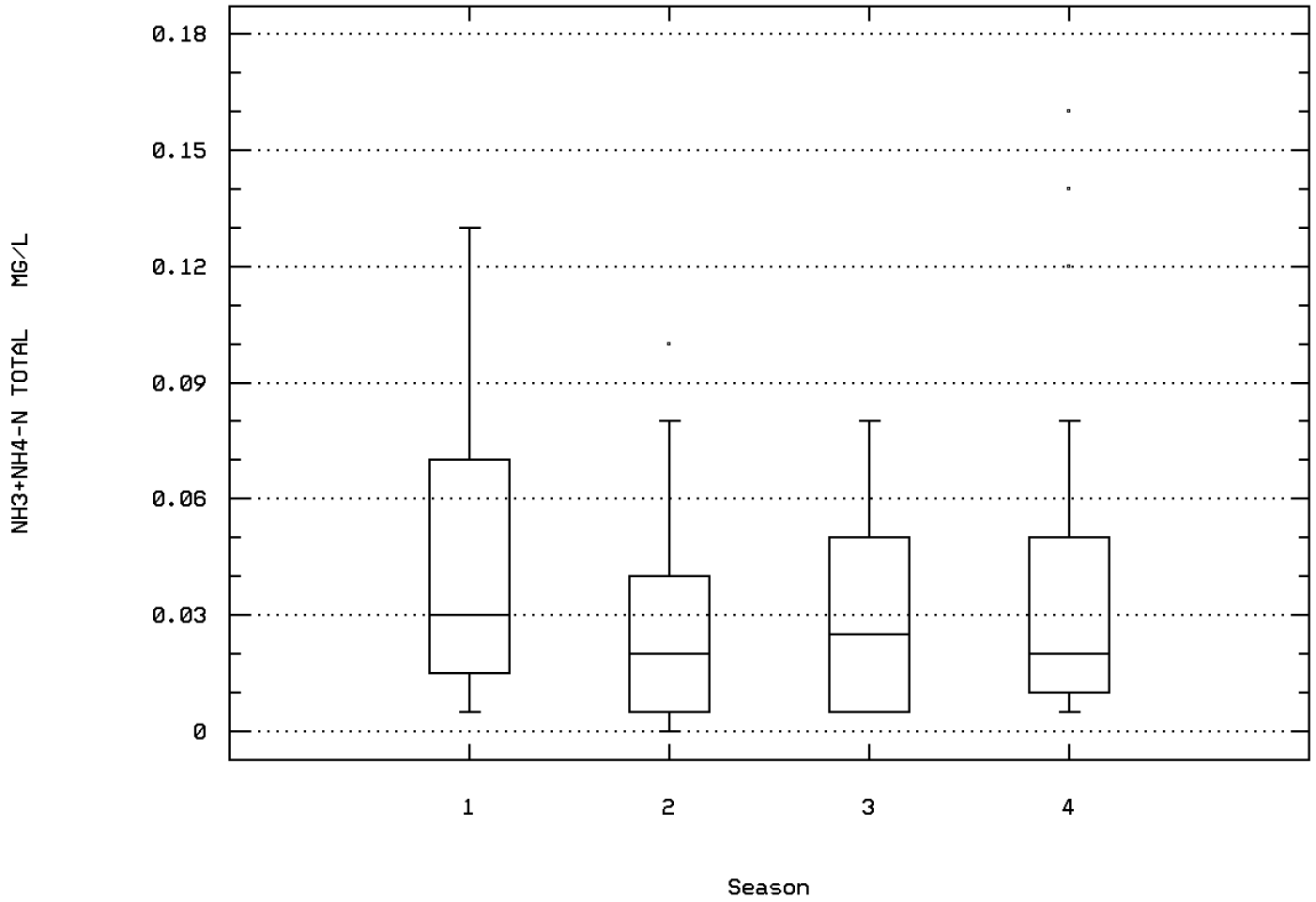
NITROGEN, AMMONIA, DISSOLVED (MG/L AS N



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00610

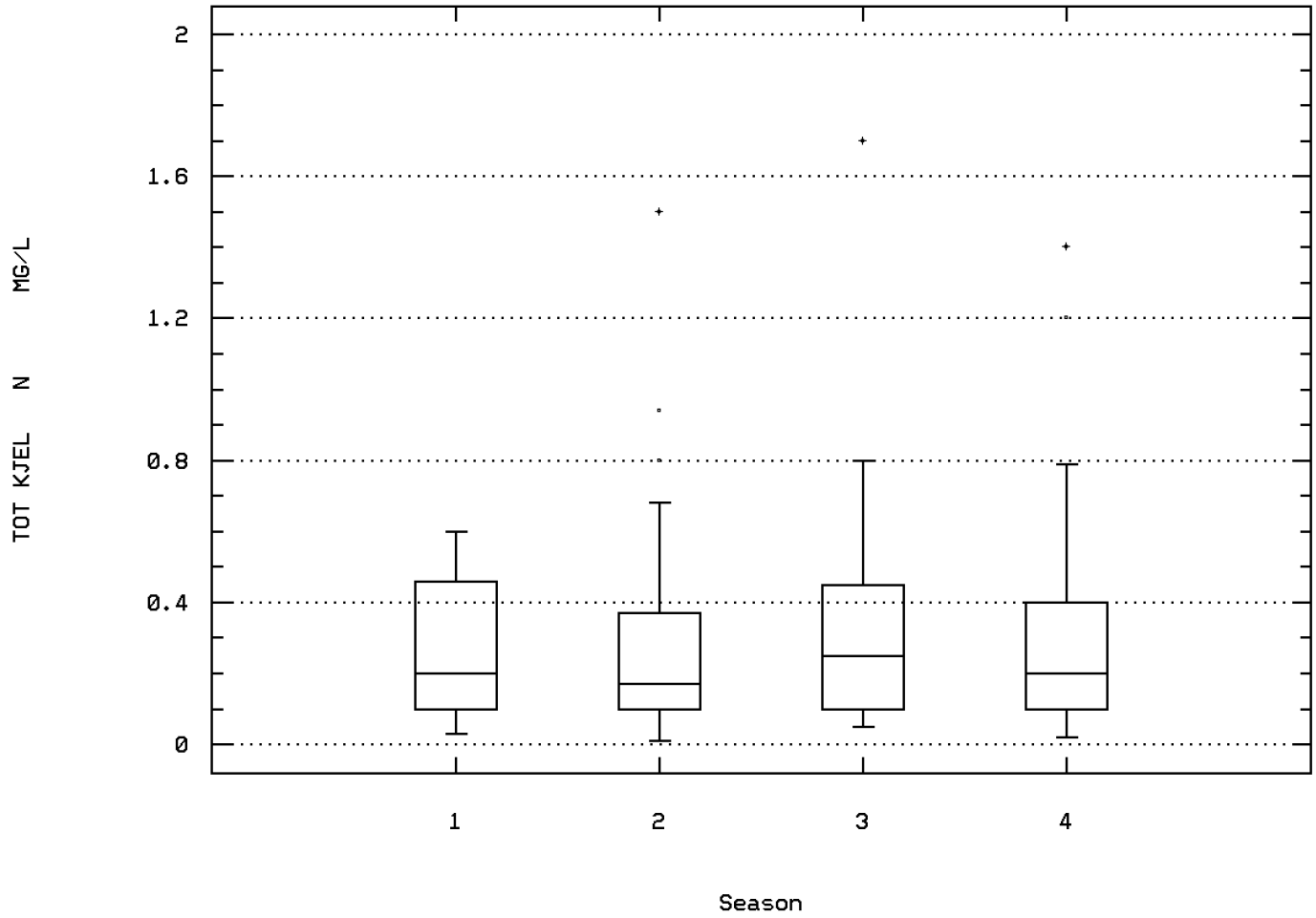
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00625

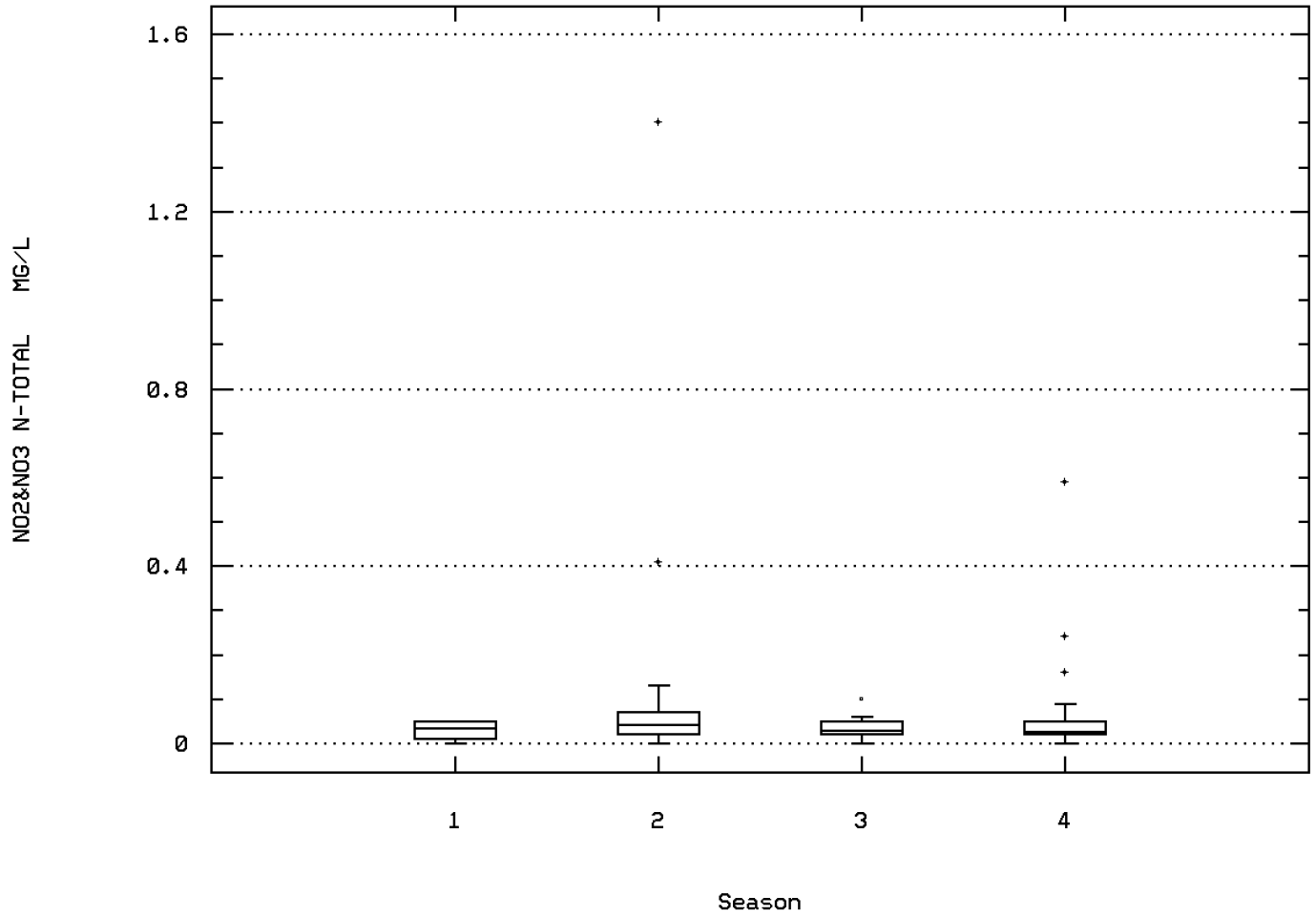
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00630

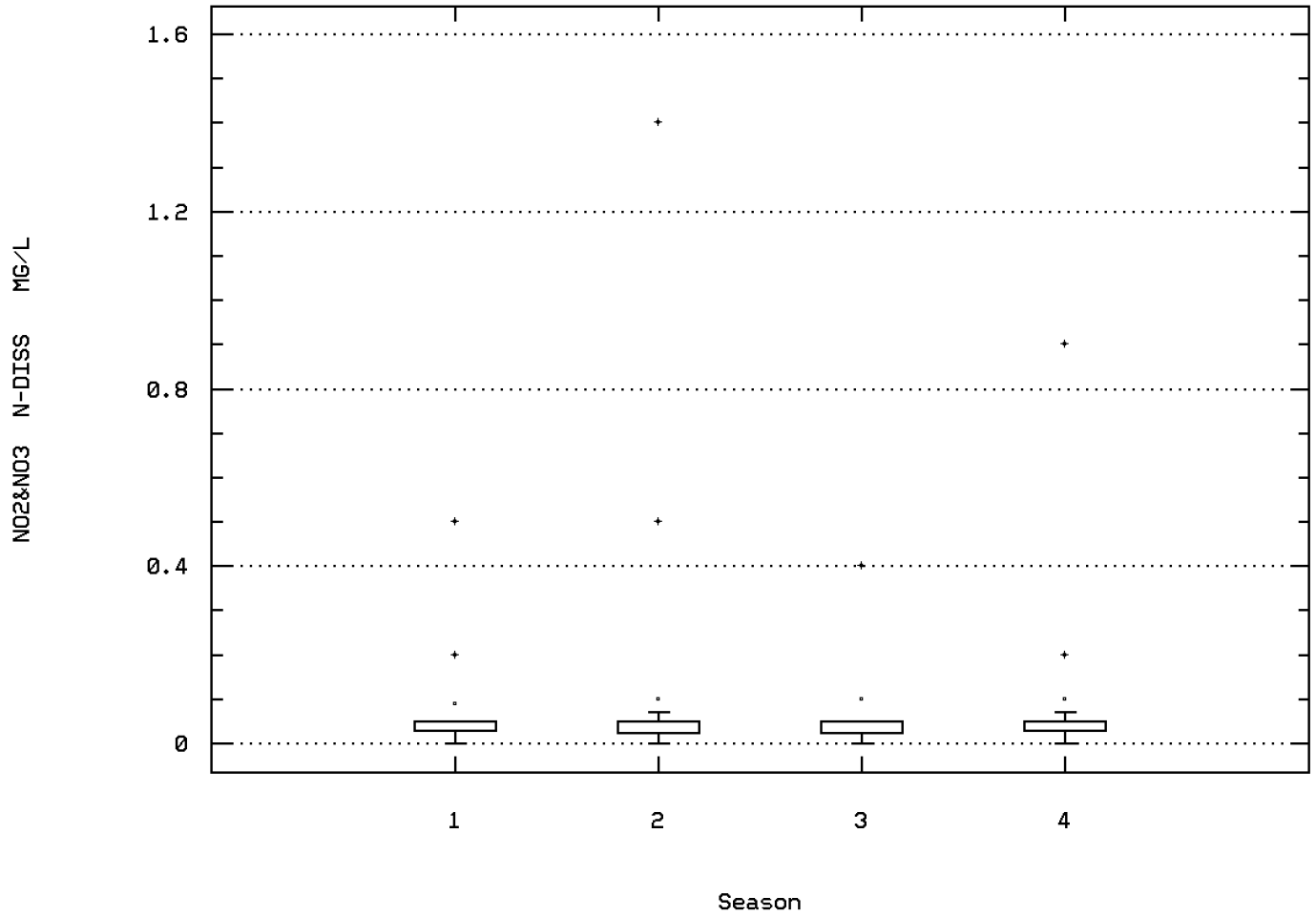
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00631

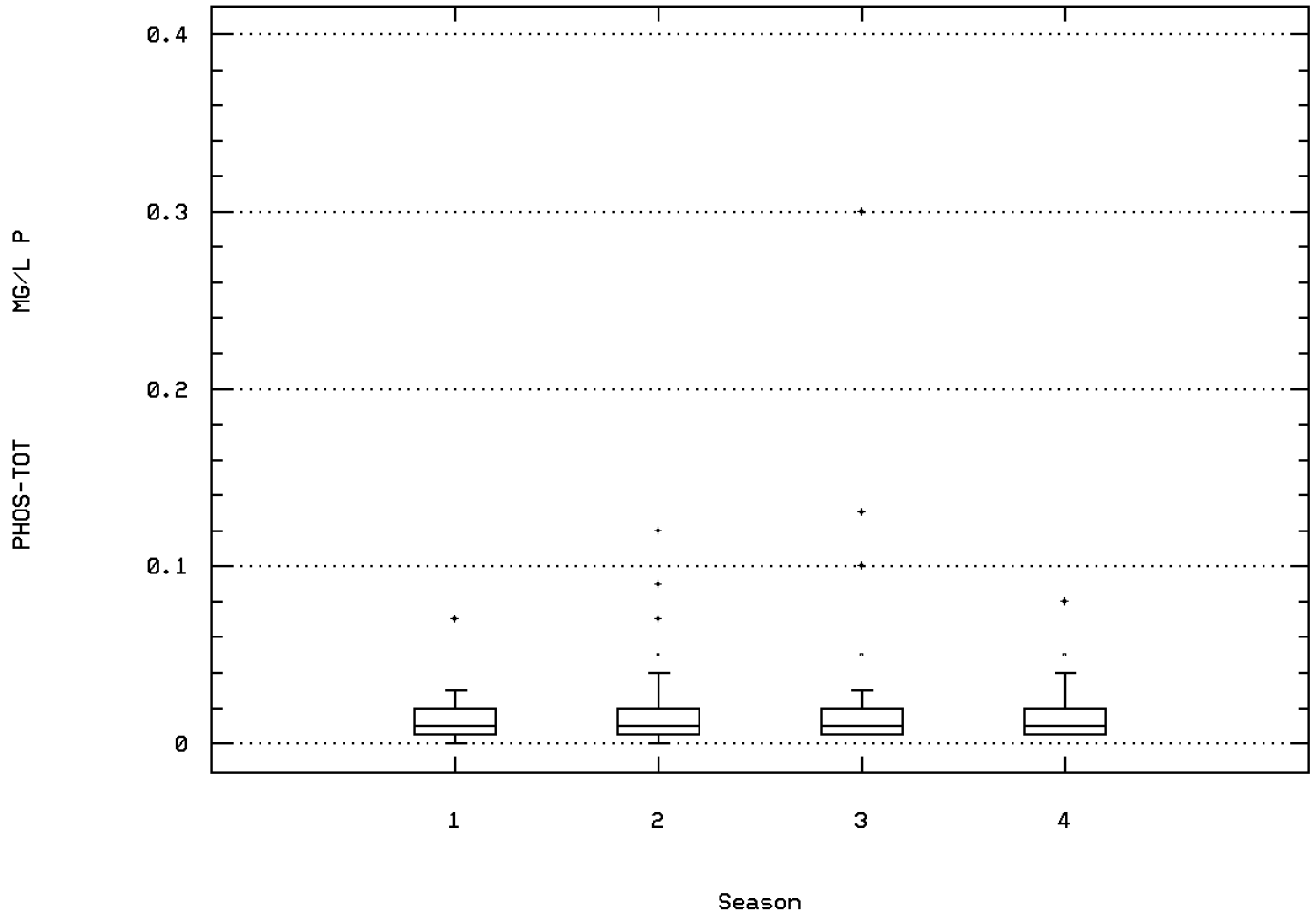
NITRITE PLUS NITRATE, DISS. 1 DET. (MG/



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00665

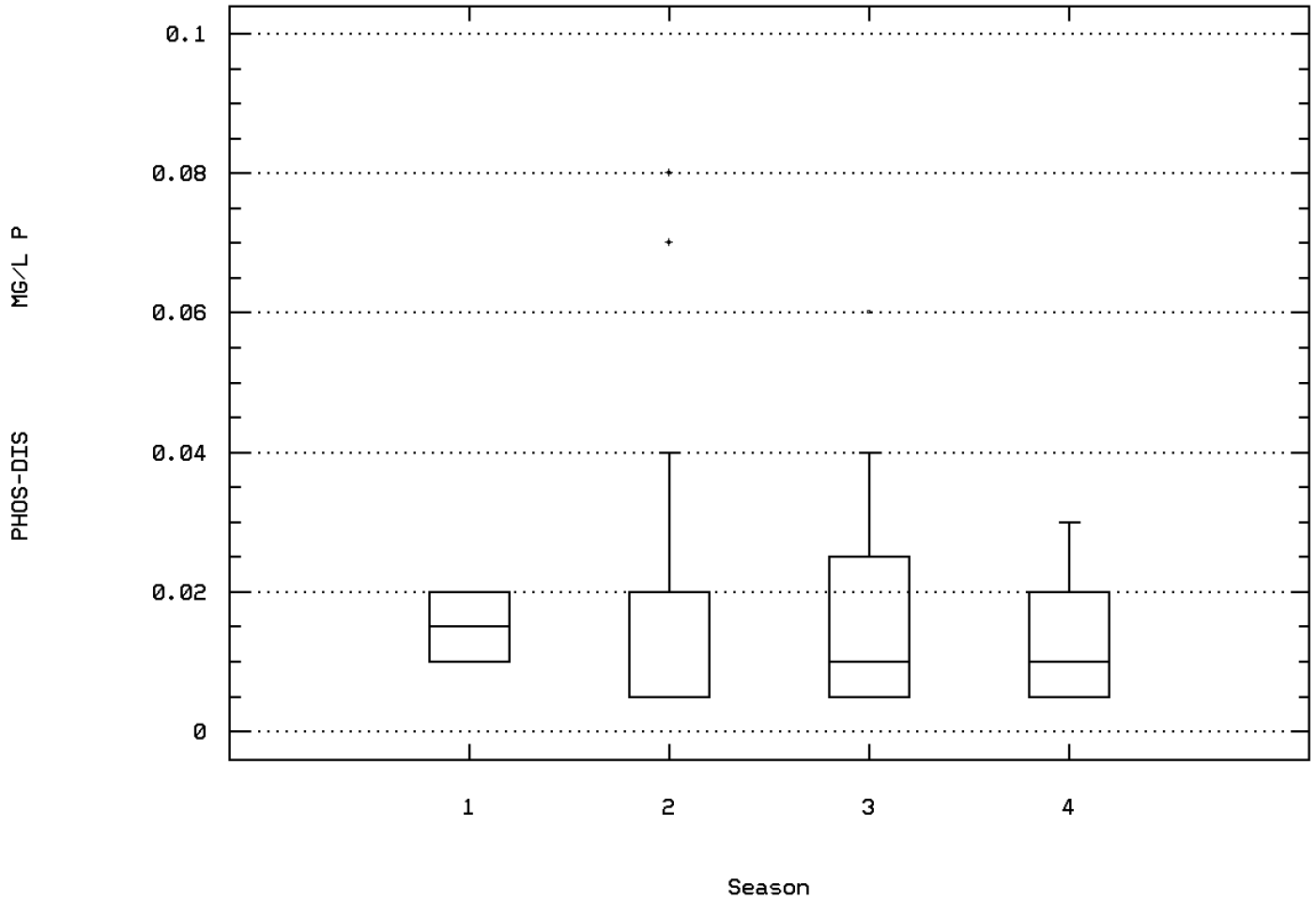
PHOSPHORUS, TOTAL (MG/L AS P)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00666

PHOSPHORUS, DISSOLVED (MG/L AS P)

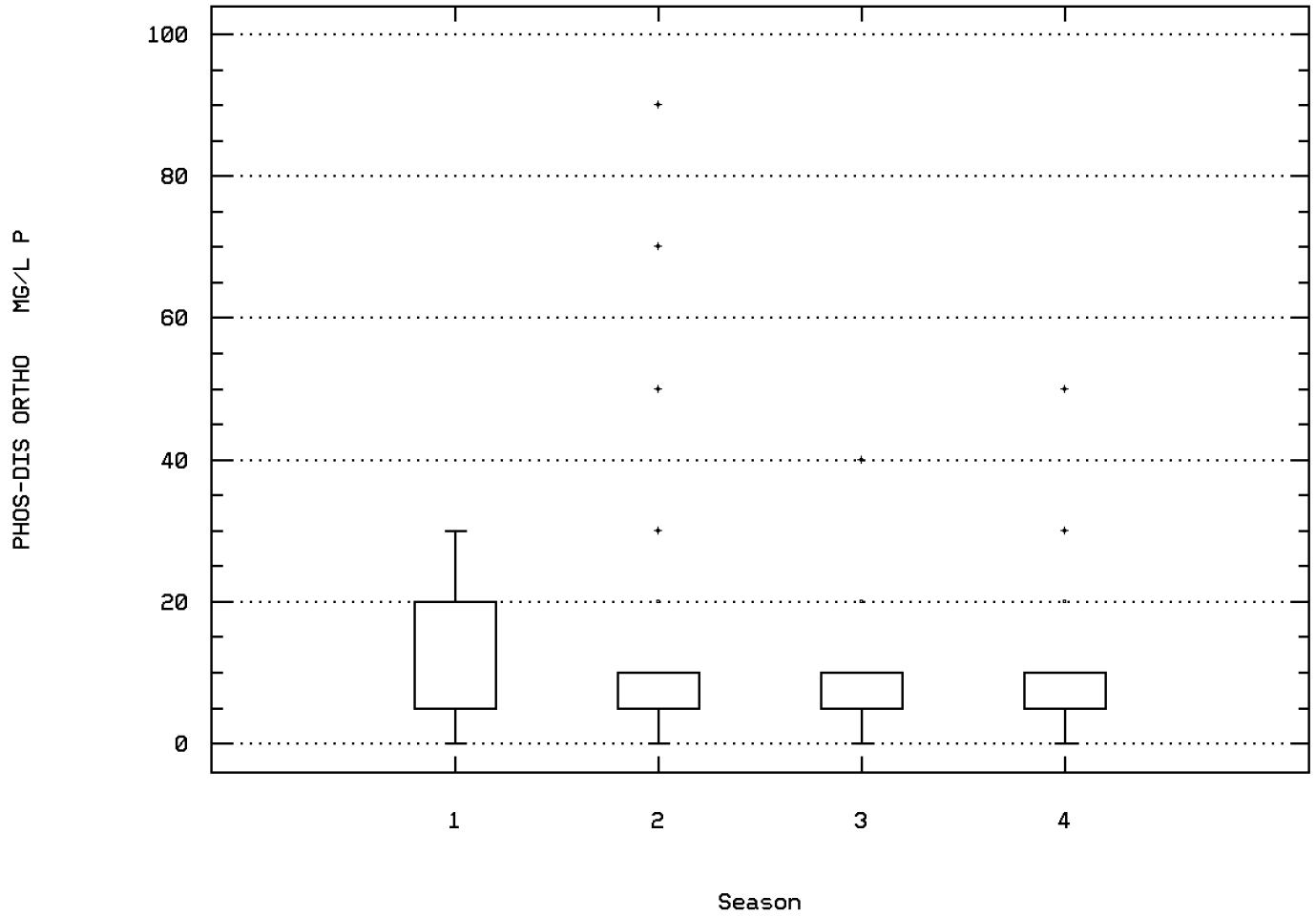


MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00671

PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (M

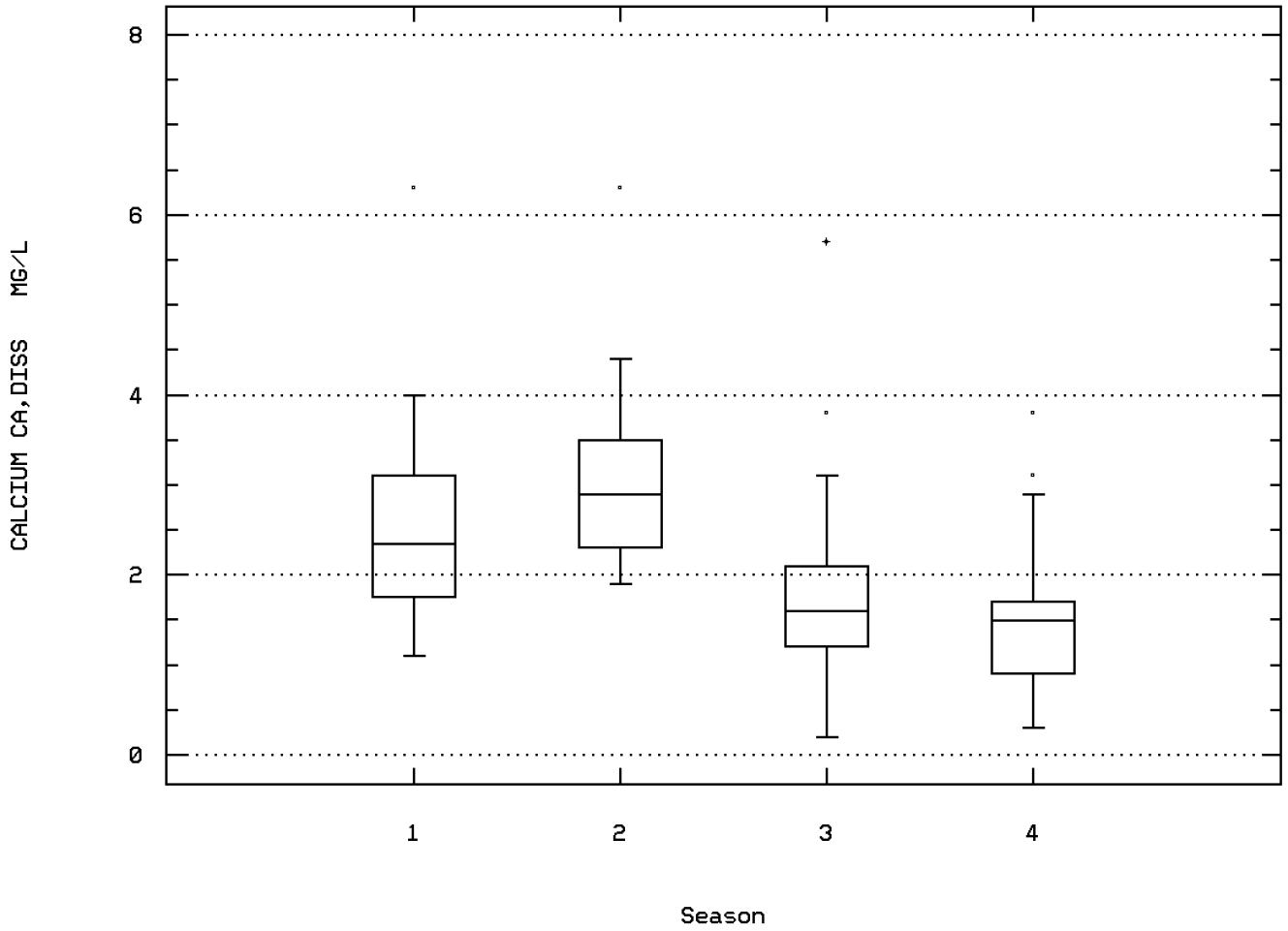
(X 0.001)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00915

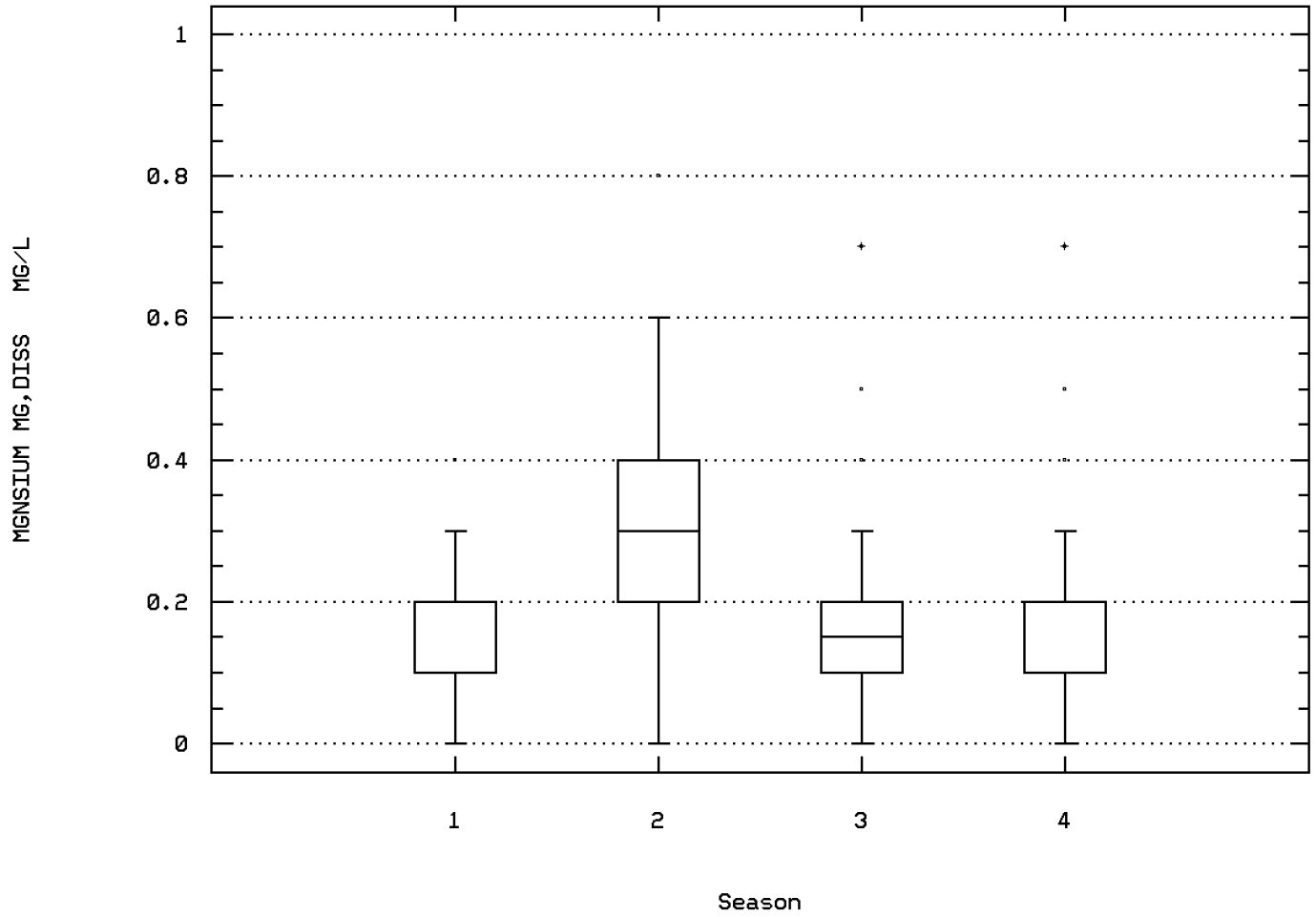
CALCIUM, DISSOLVED (MG/L AS CA)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00925

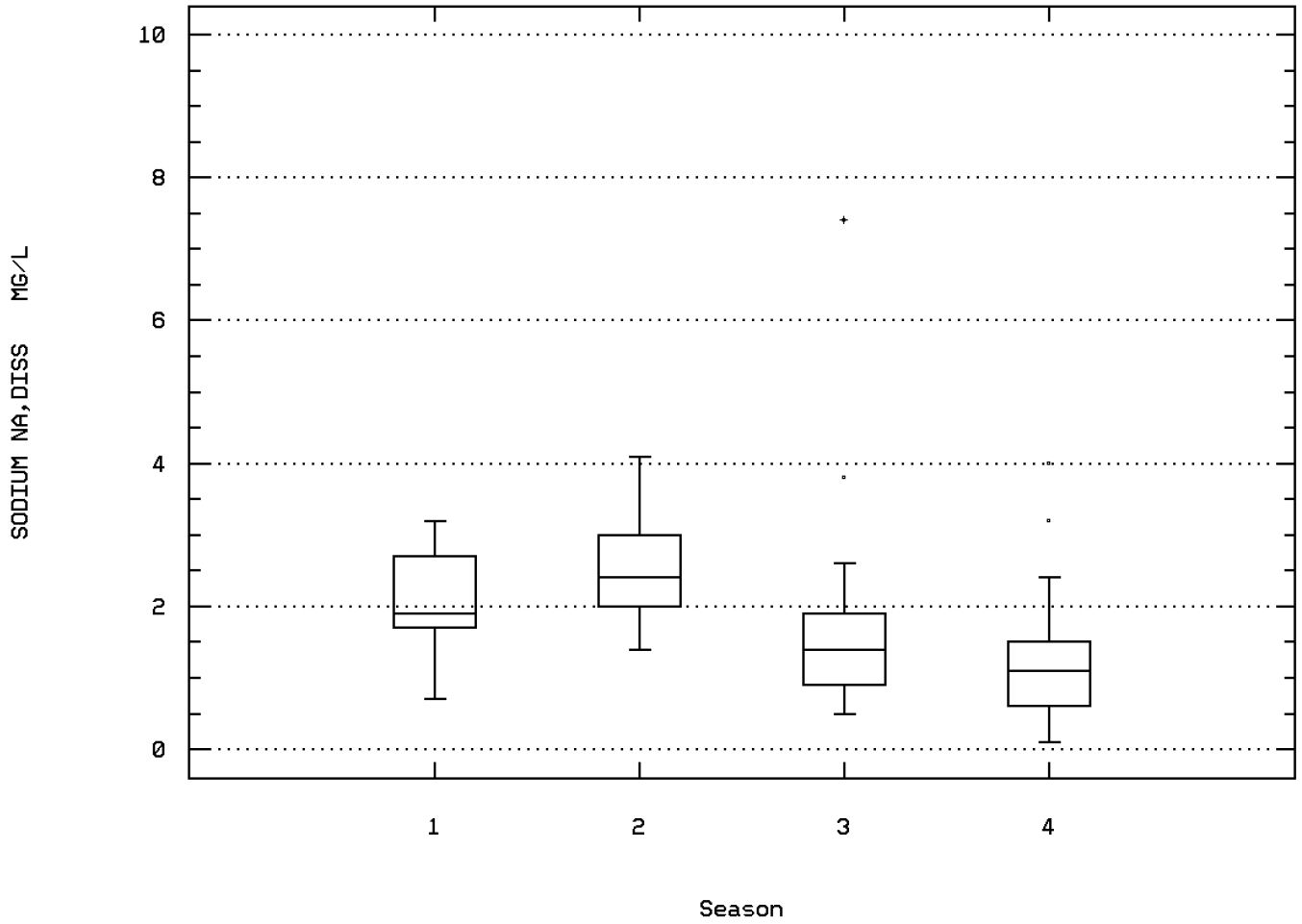
MAGNESIUM, DISSOLVED (MG/L AS MG)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00930

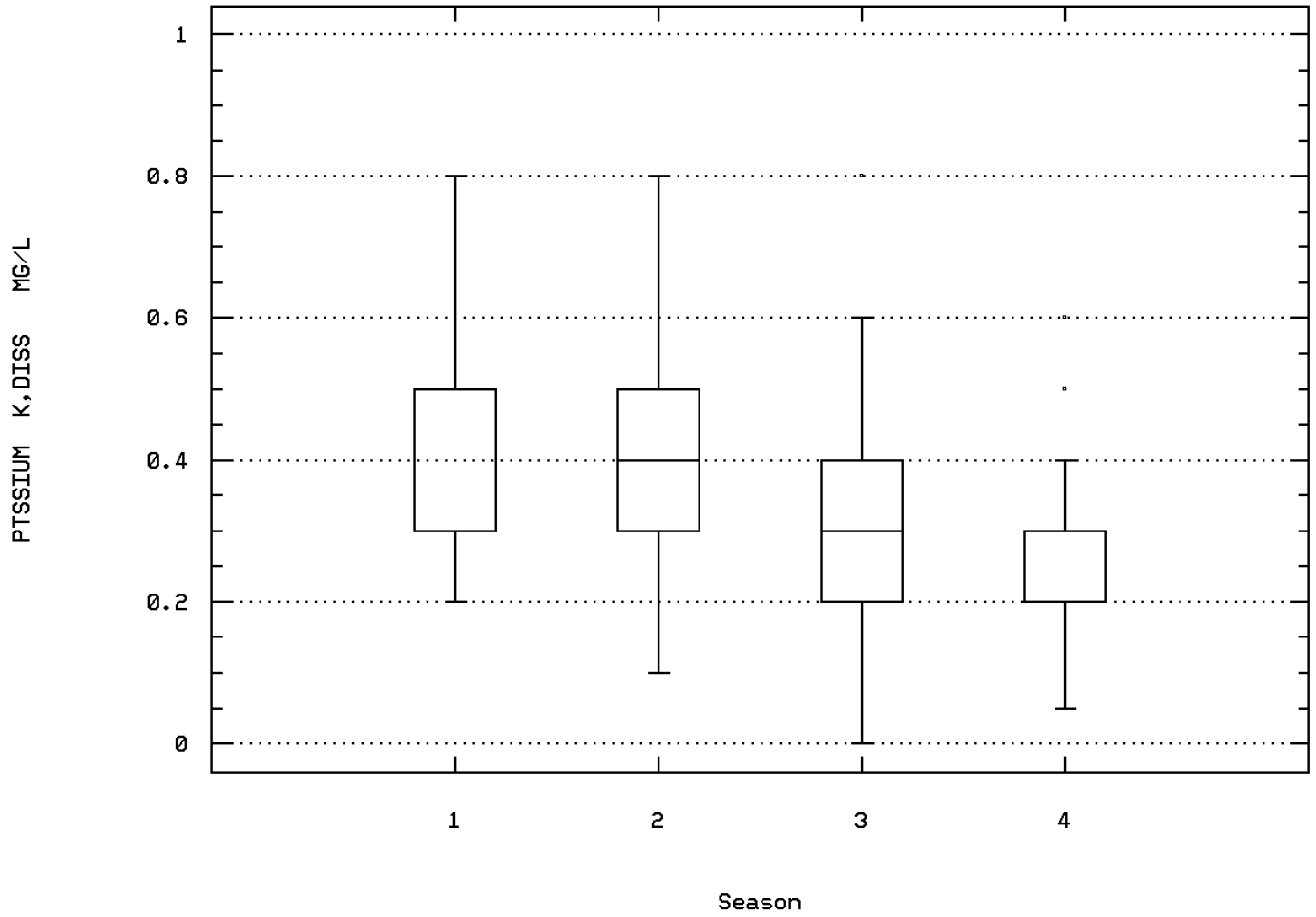
SODIUM, DISSOLVED (MG/L AS NA)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00935

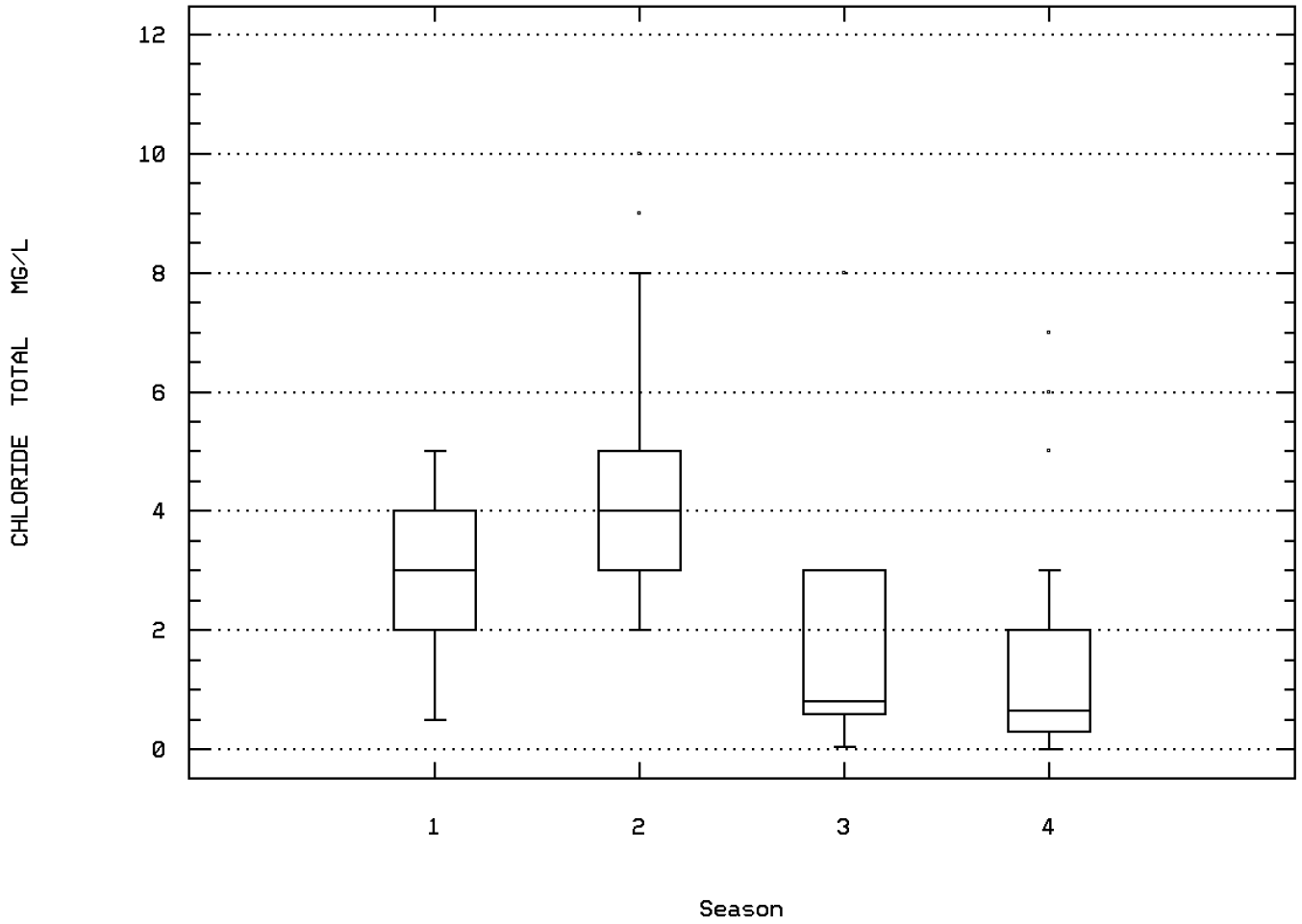
POTASSIUM, DISSOLVED (MG/L AS K)



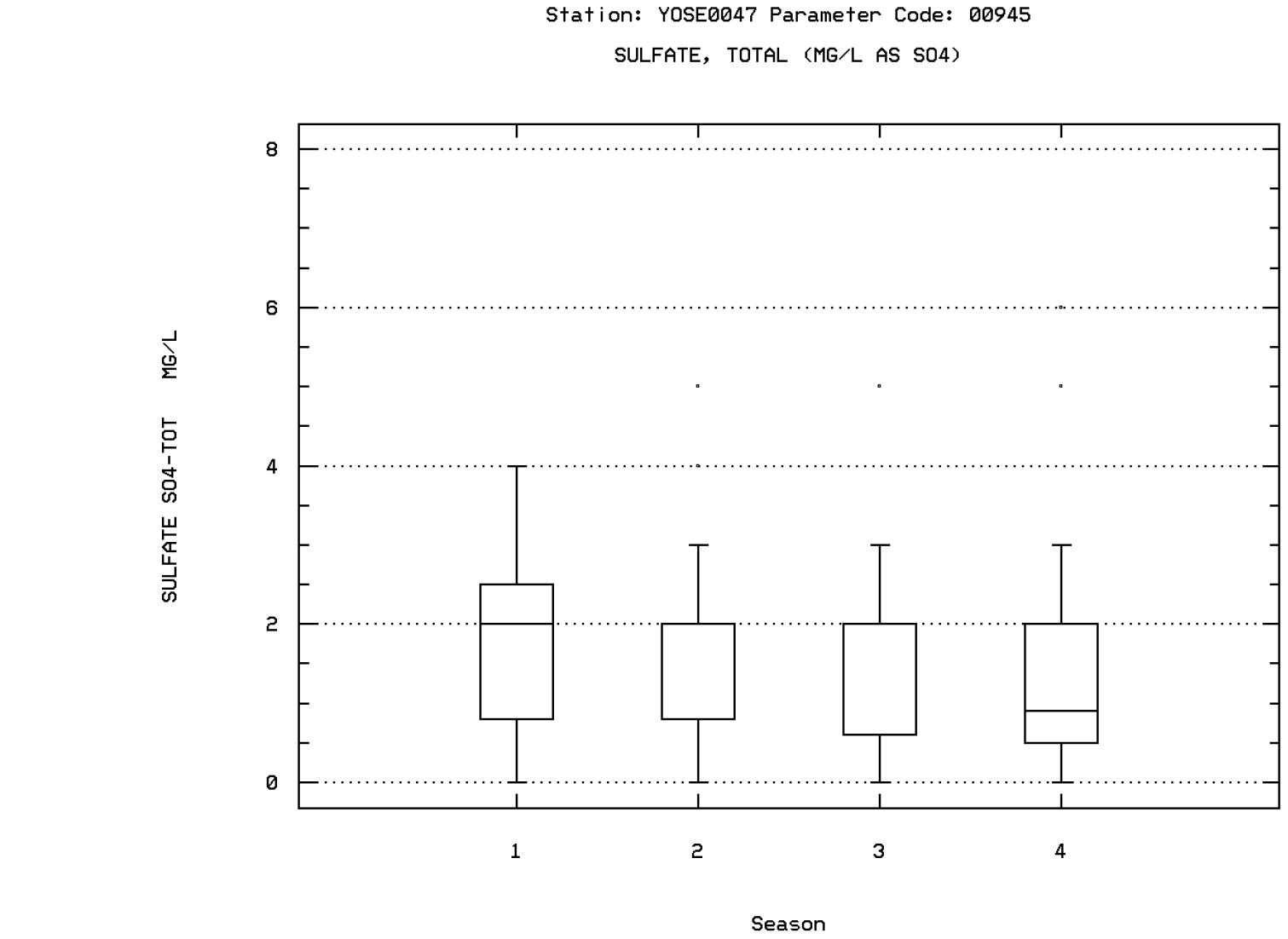
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



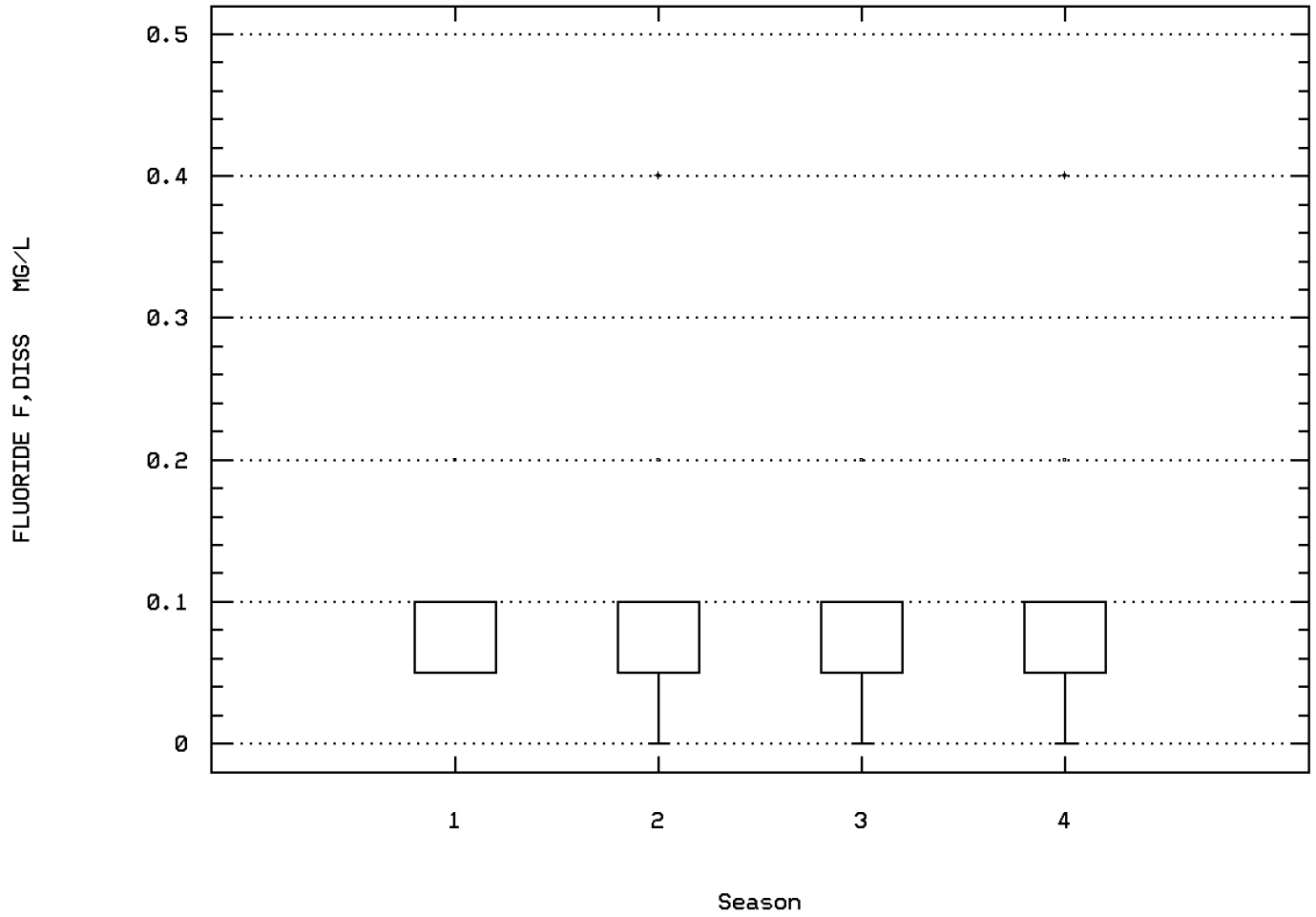
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00950

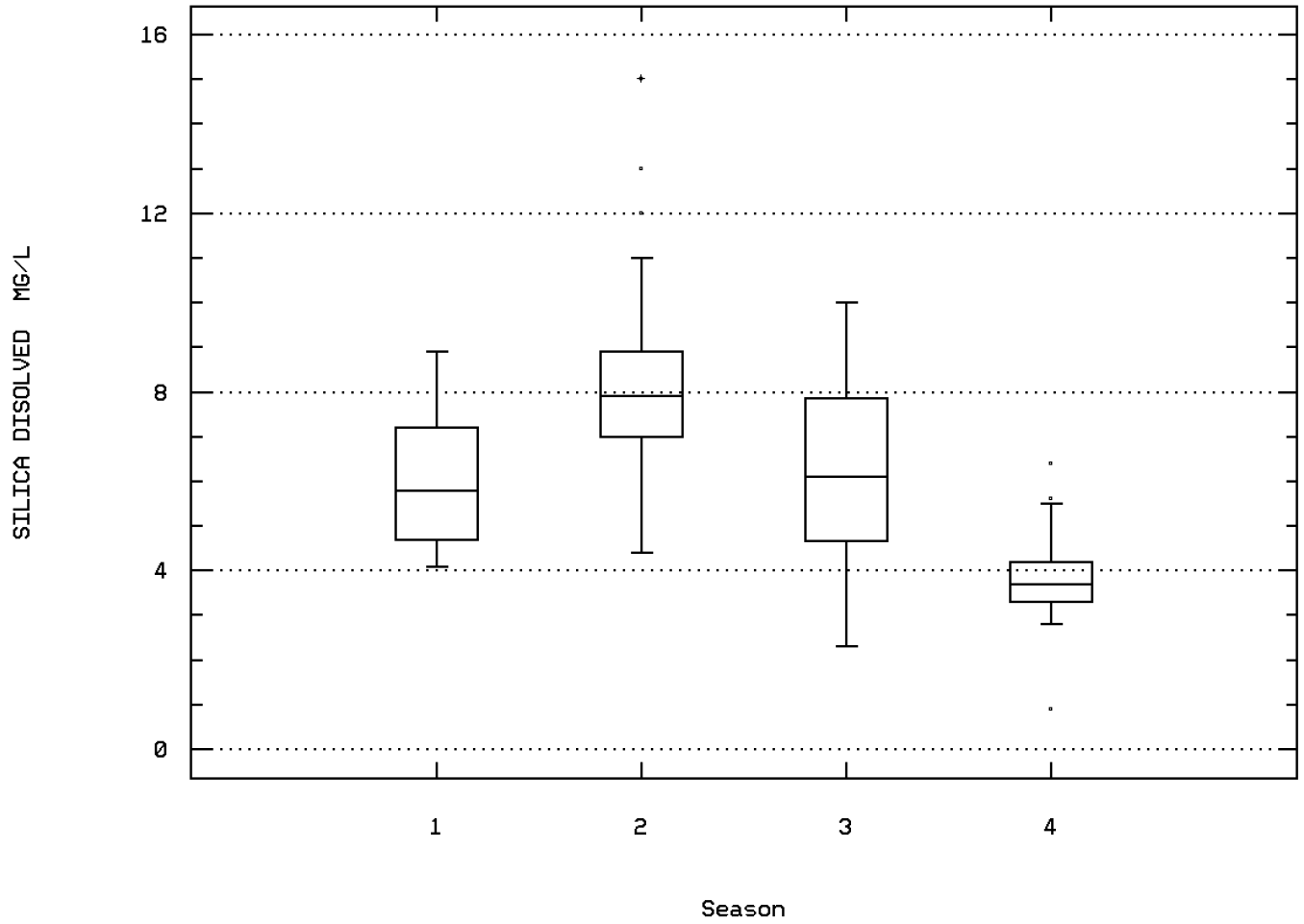
FLUORIDE, DISSOLVED (MG/L AS F)



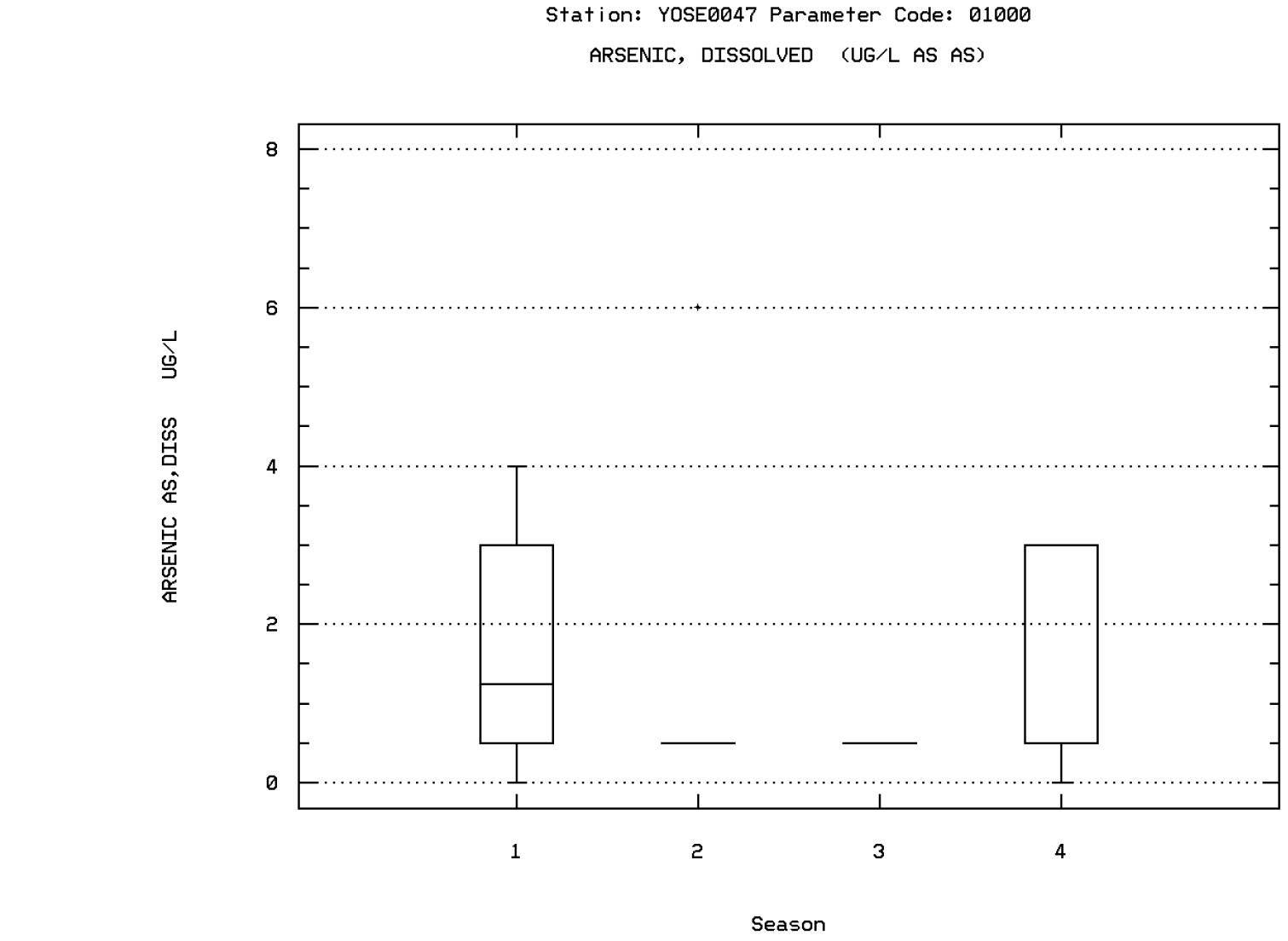
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 00955

SILICA, DISSOLVED (MG/L AS SI02)



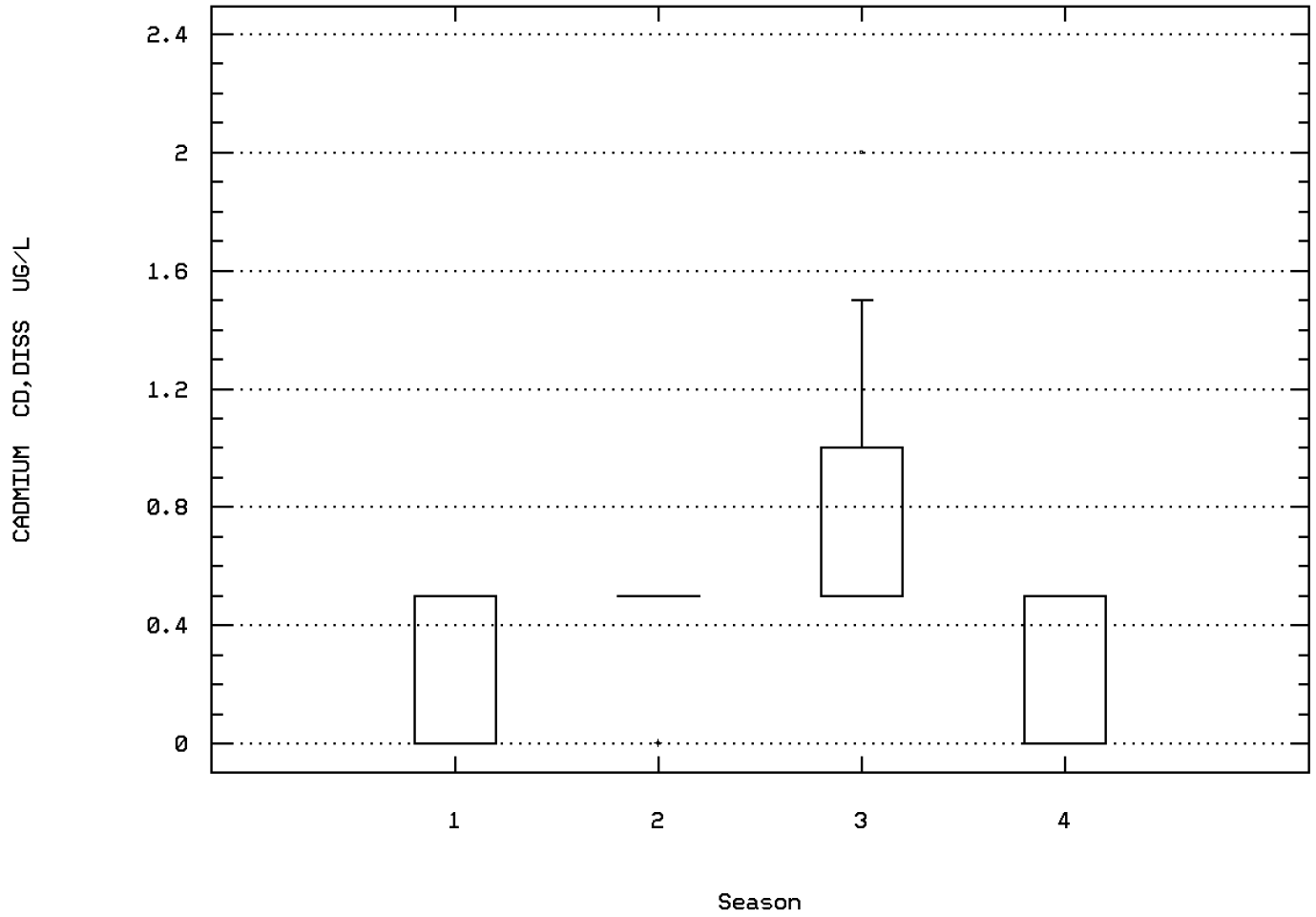
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 01025

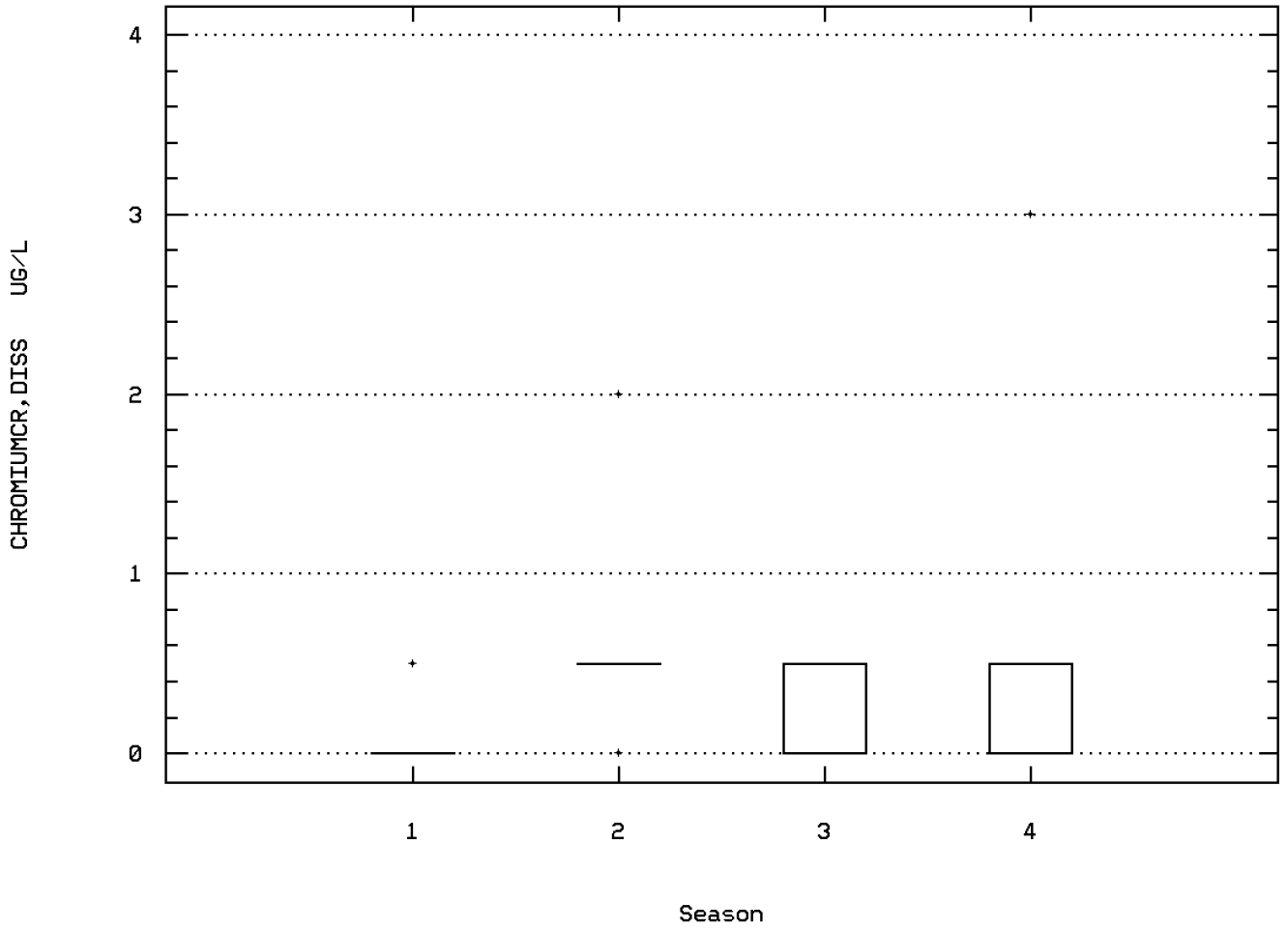
CADMIUM, DISSOLVED (UG/L AS CD)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 01030

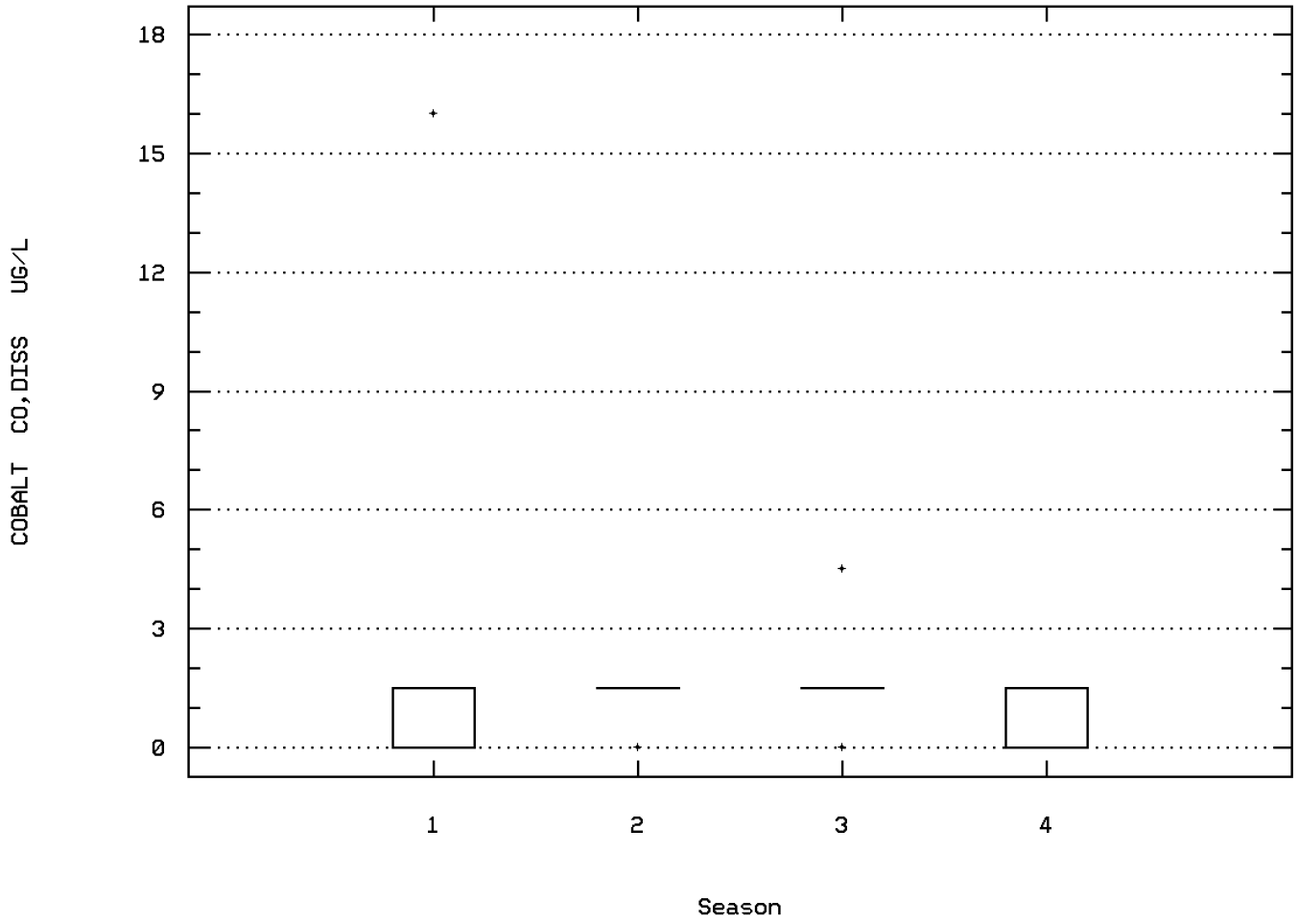
CHROMIUM, DISSOLVED (UG/L AS CR)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 01035

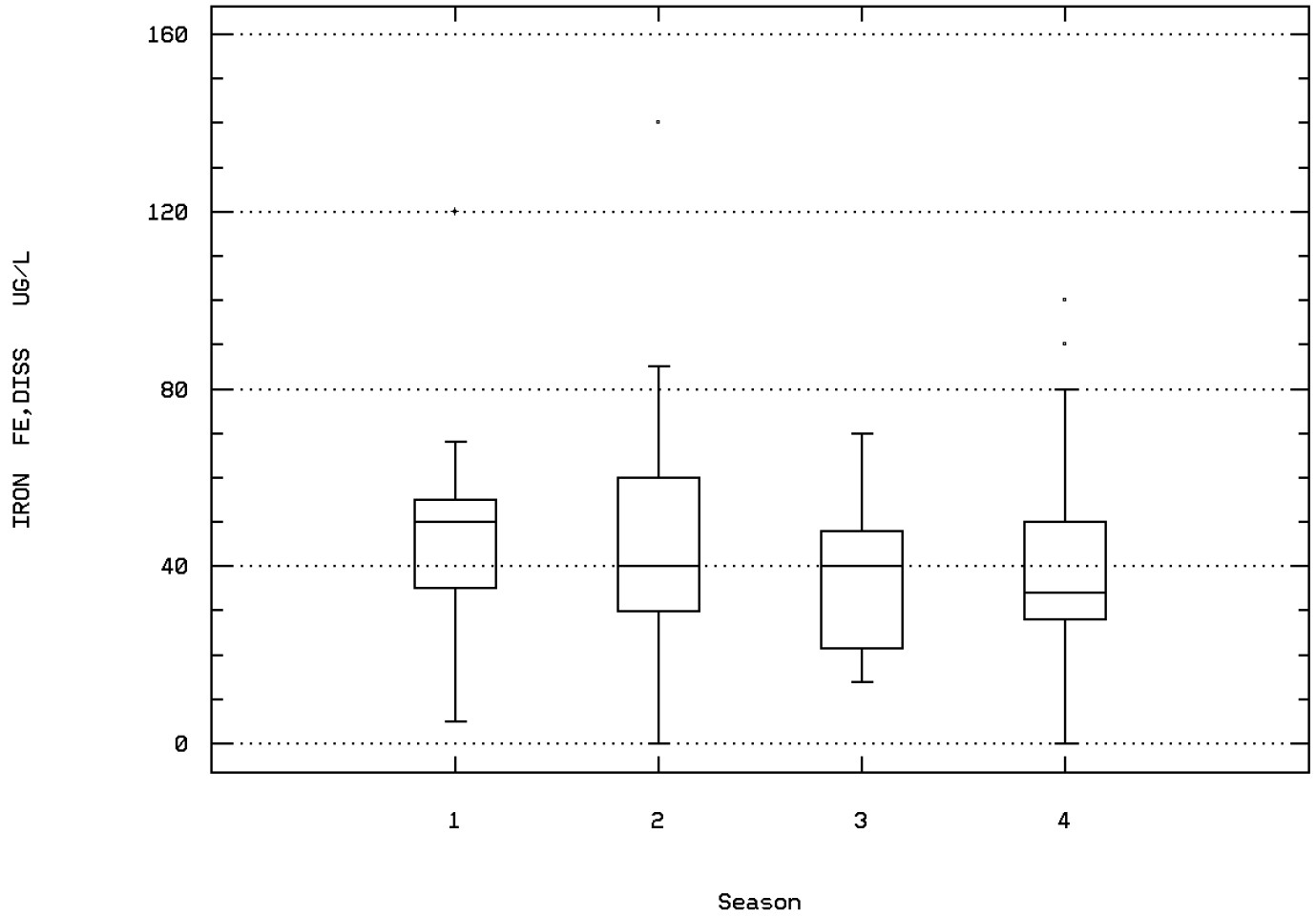
COBALT, DISSOLVED (UG/L AS CO)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 01046

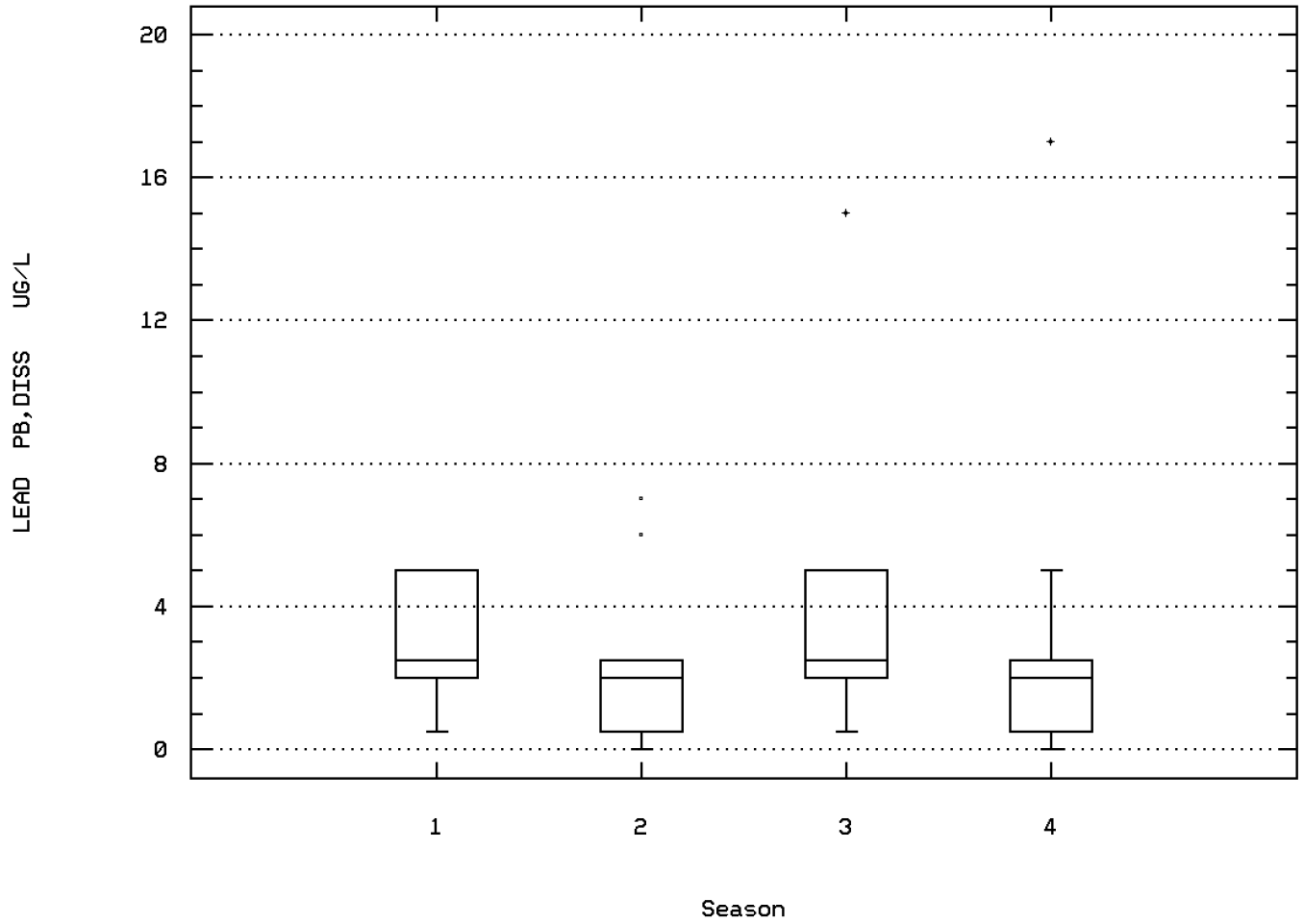
IRON, DISSOLVED (UG/L AS FE)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 01049

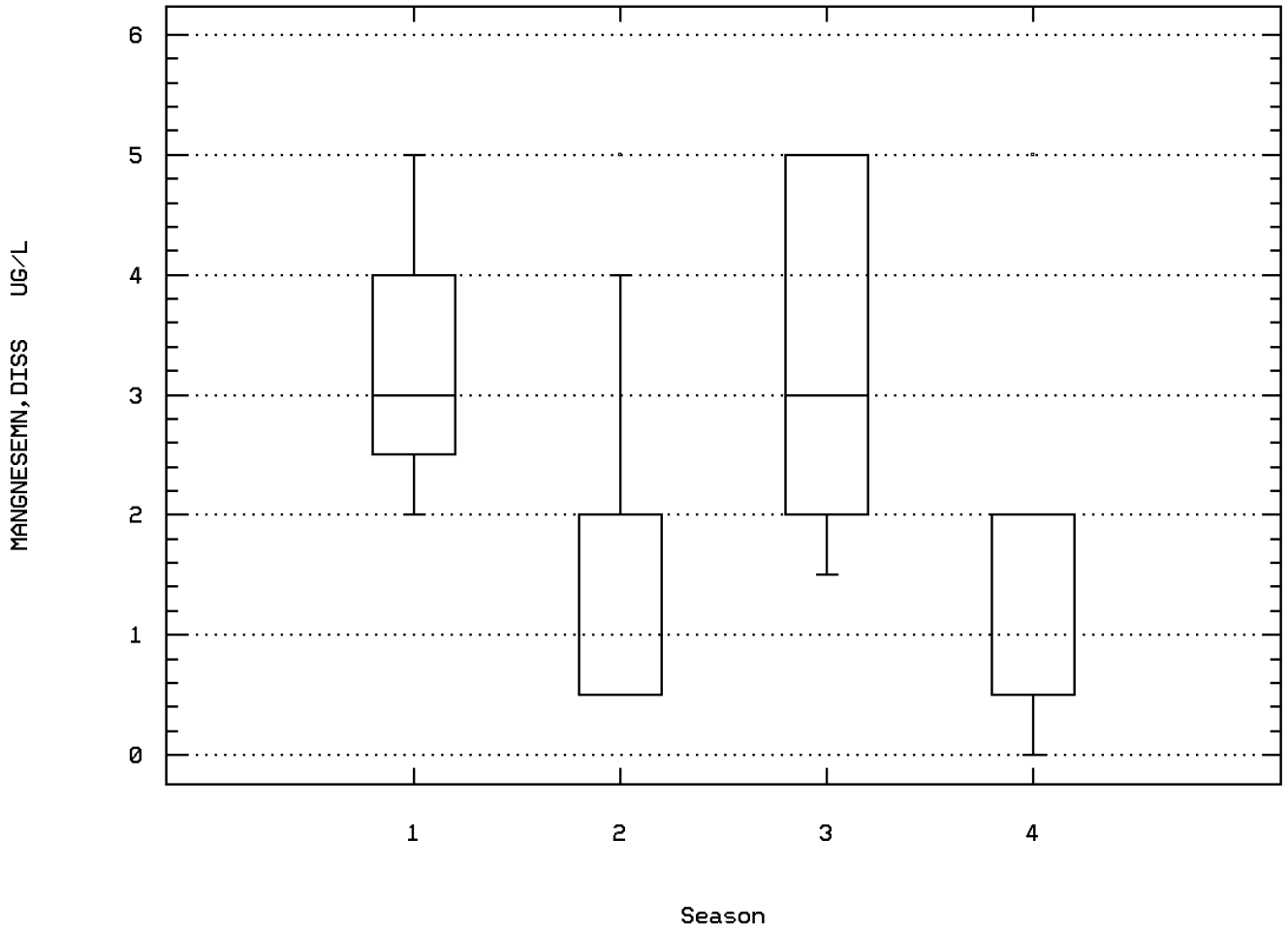
LEAD, DISSOLVED (UG/L AS PB)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 01056

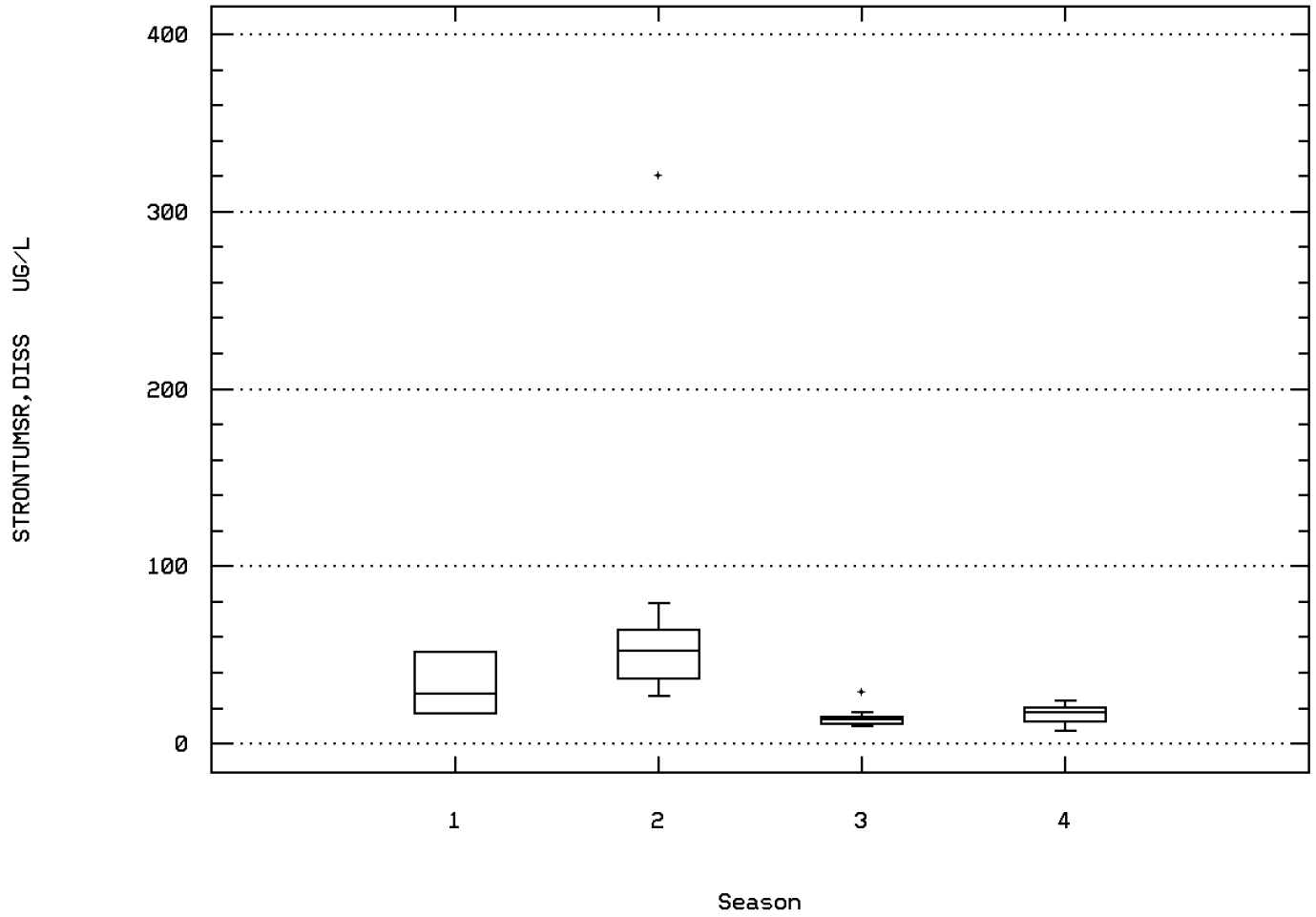
MANGANESE, DISSOLVED (UG/L AS MN)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 01080

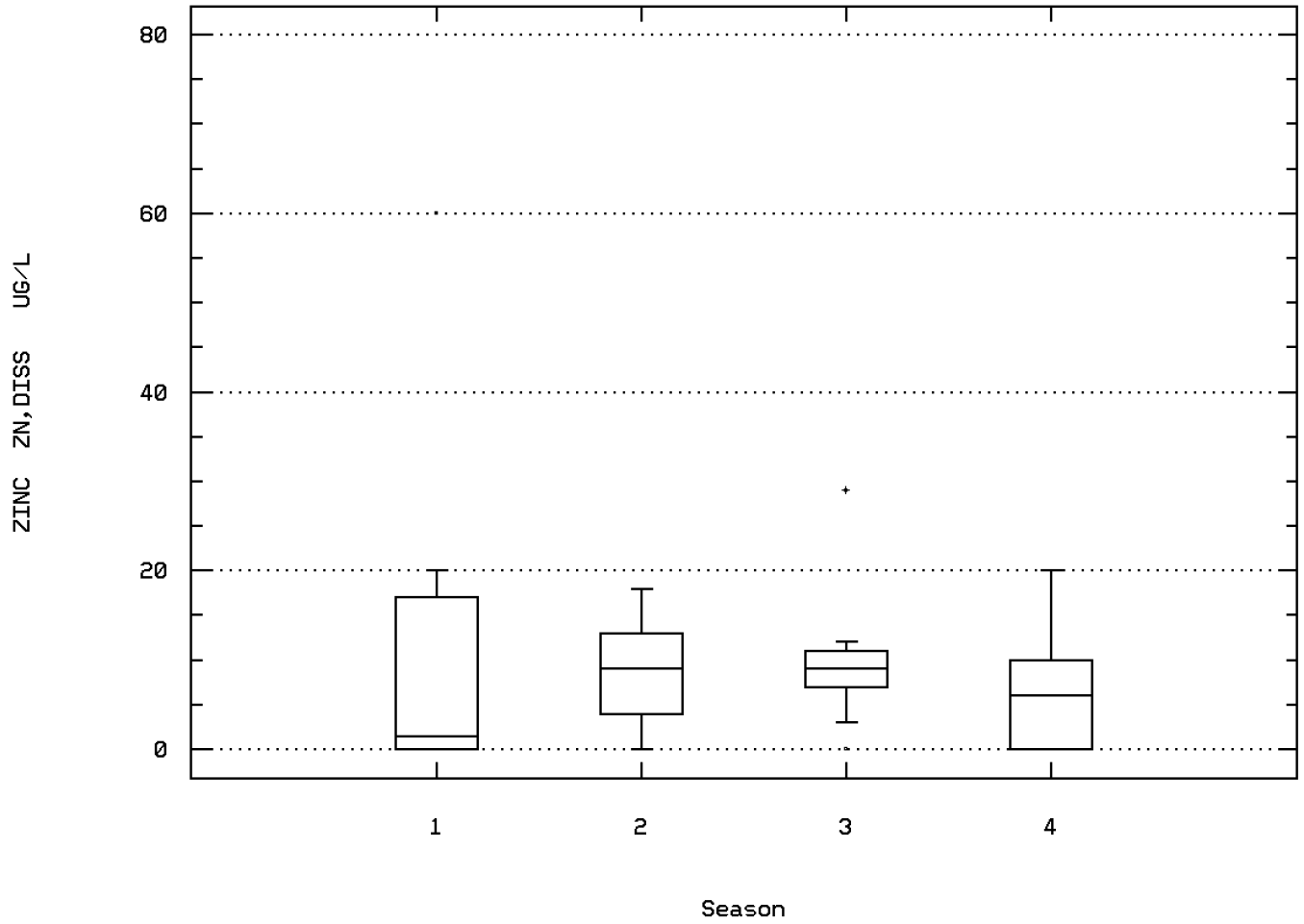
STRONTIUM, DISSOLVED (UG/L AS SR)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 01090

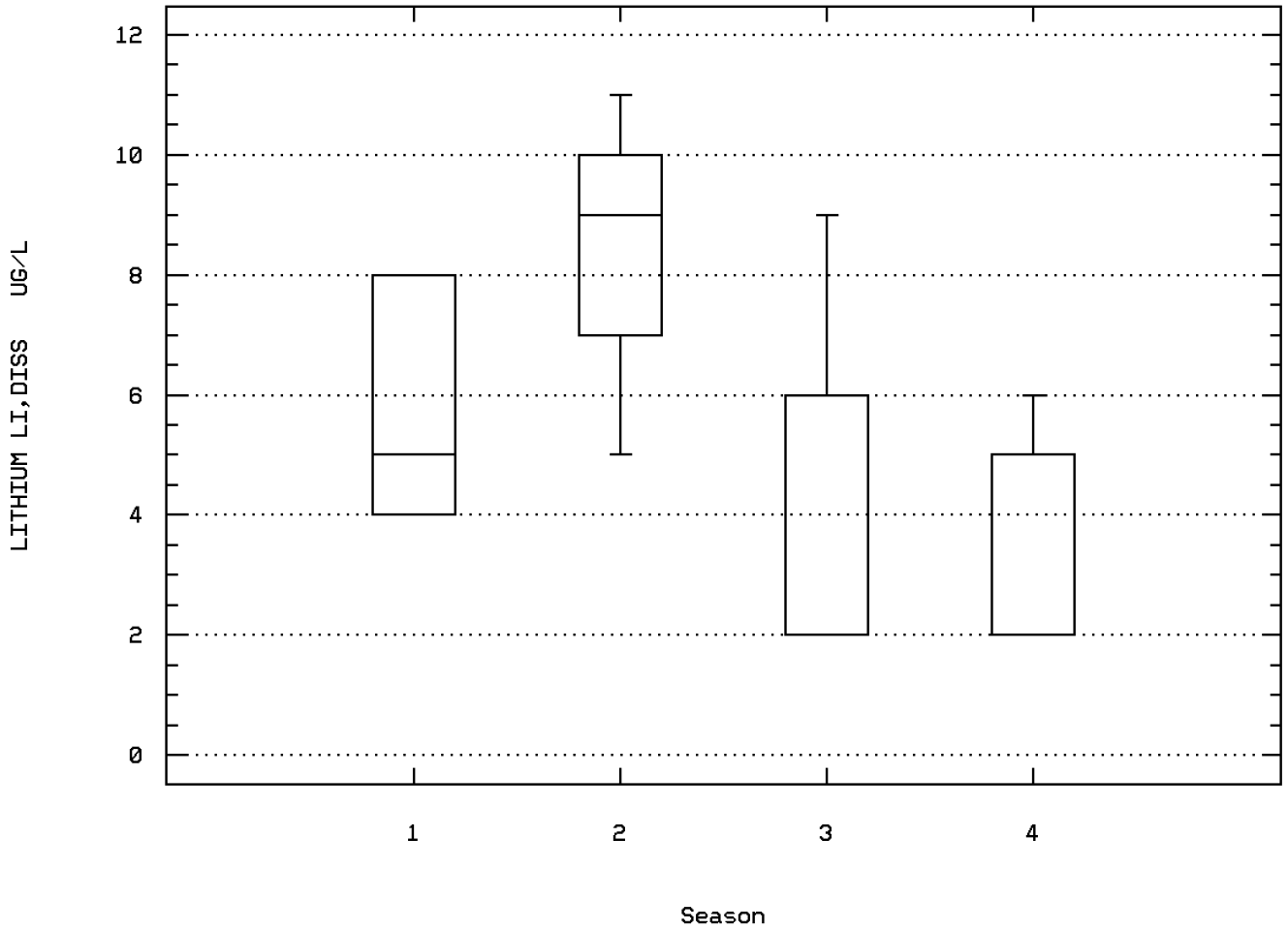
ZINC, DISSOLVED (UG/L AS ZN)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 01130

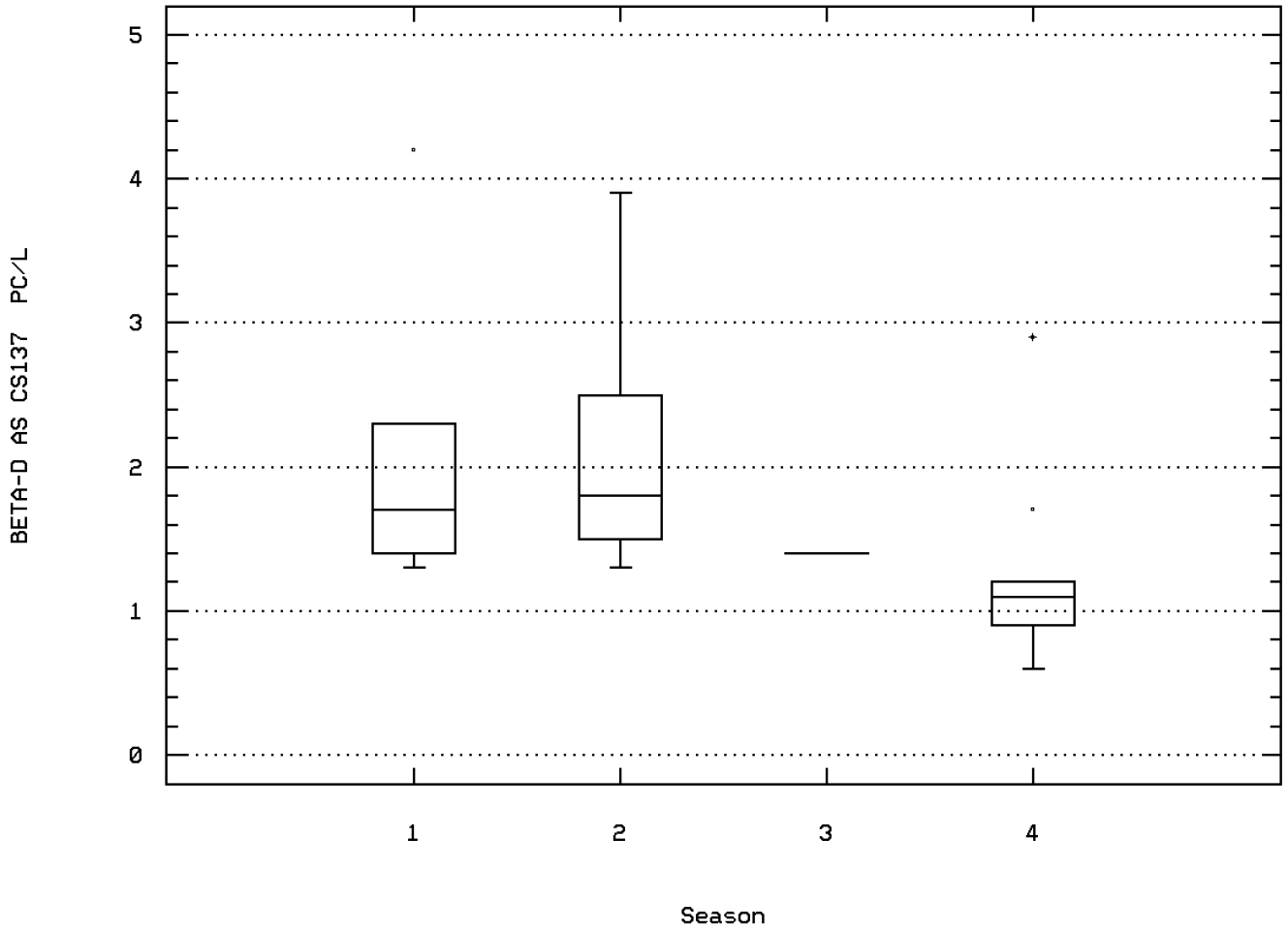
LITHIUM, DISSOLVED (UG/L AS LI)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 03515

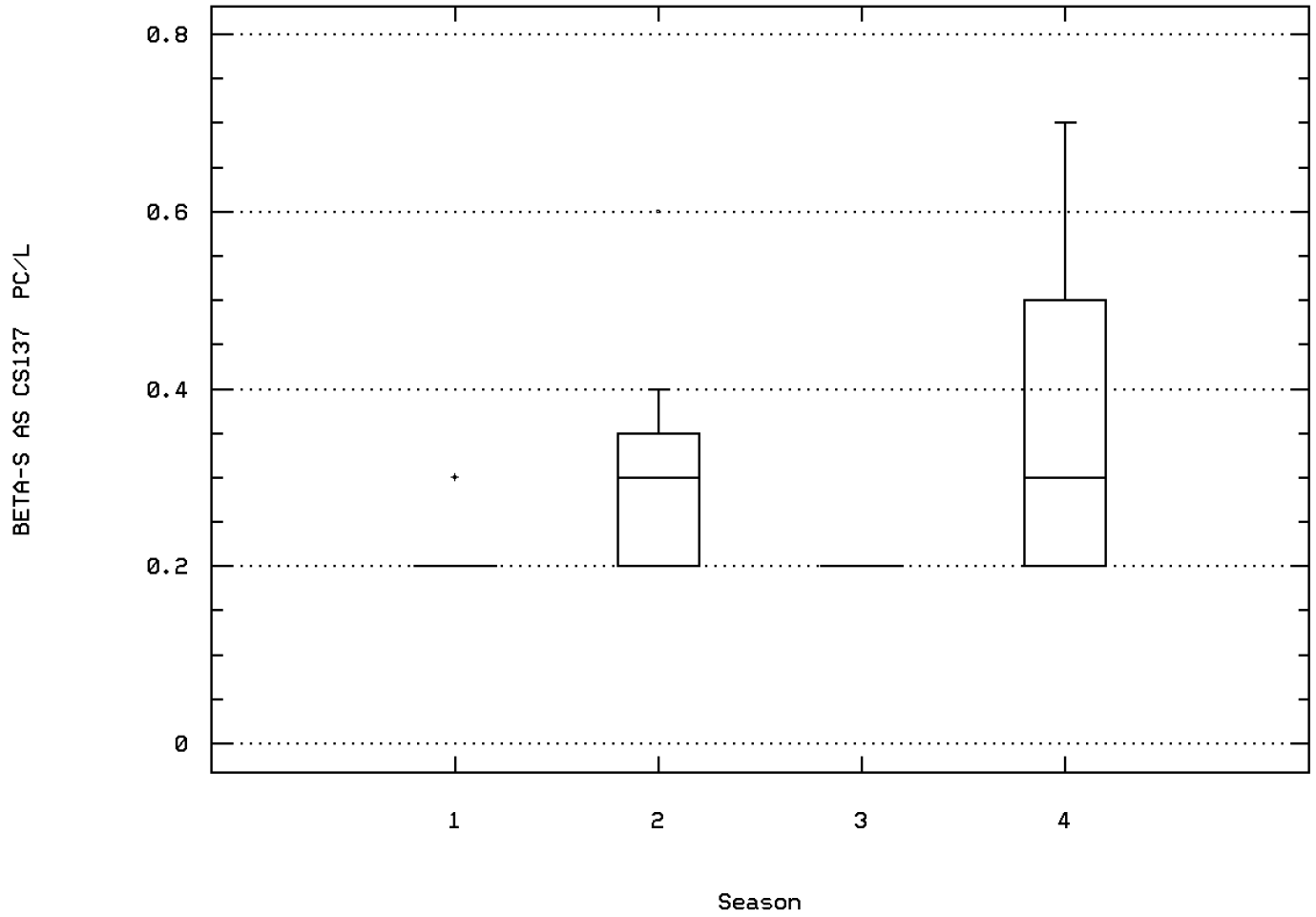
BETA, DISSOLVED GROSS, AS CS-137, PC/L



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 03516

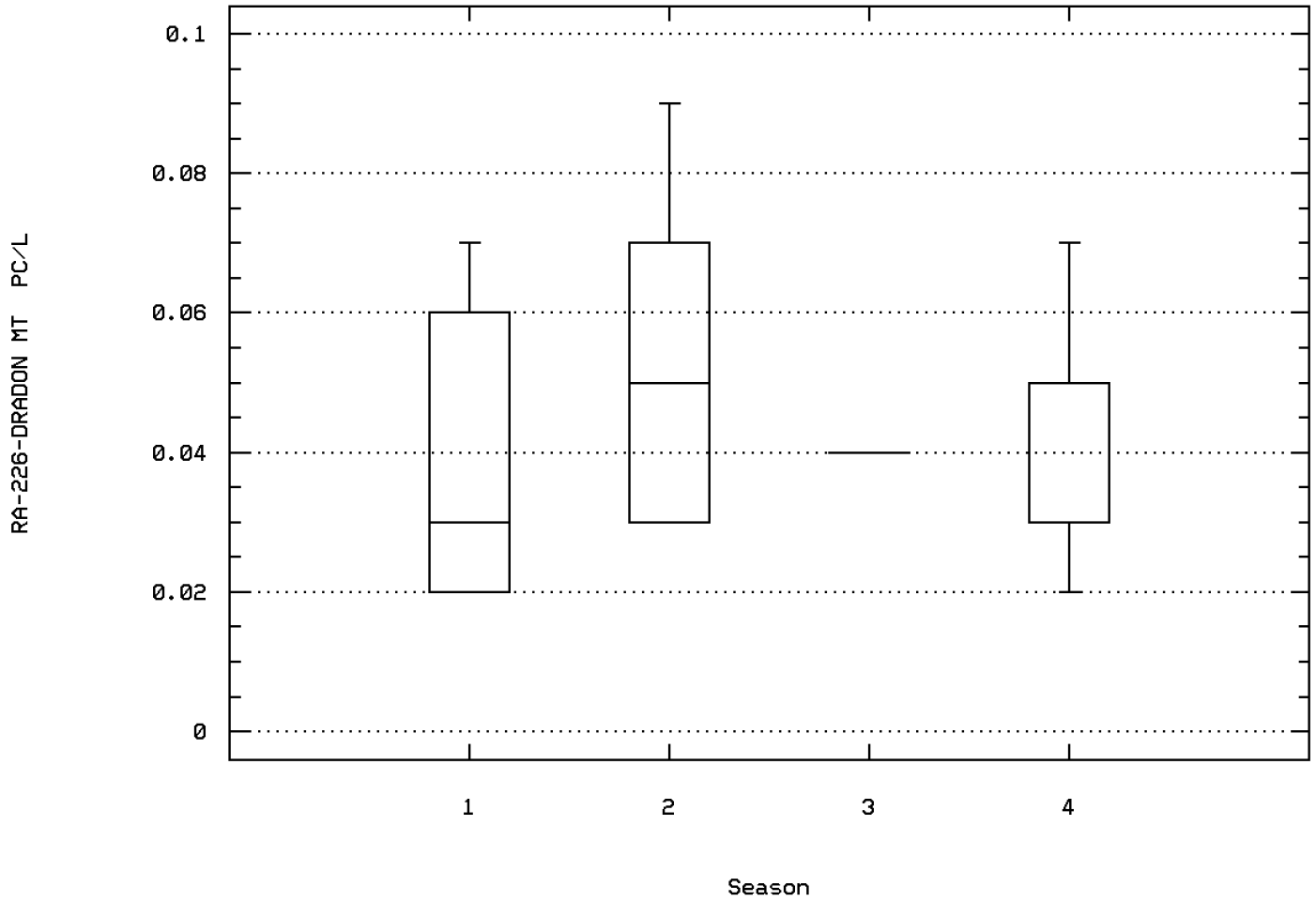
BETA, SUSPENDED GROSS, AS CS-137, PC/L



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 09511

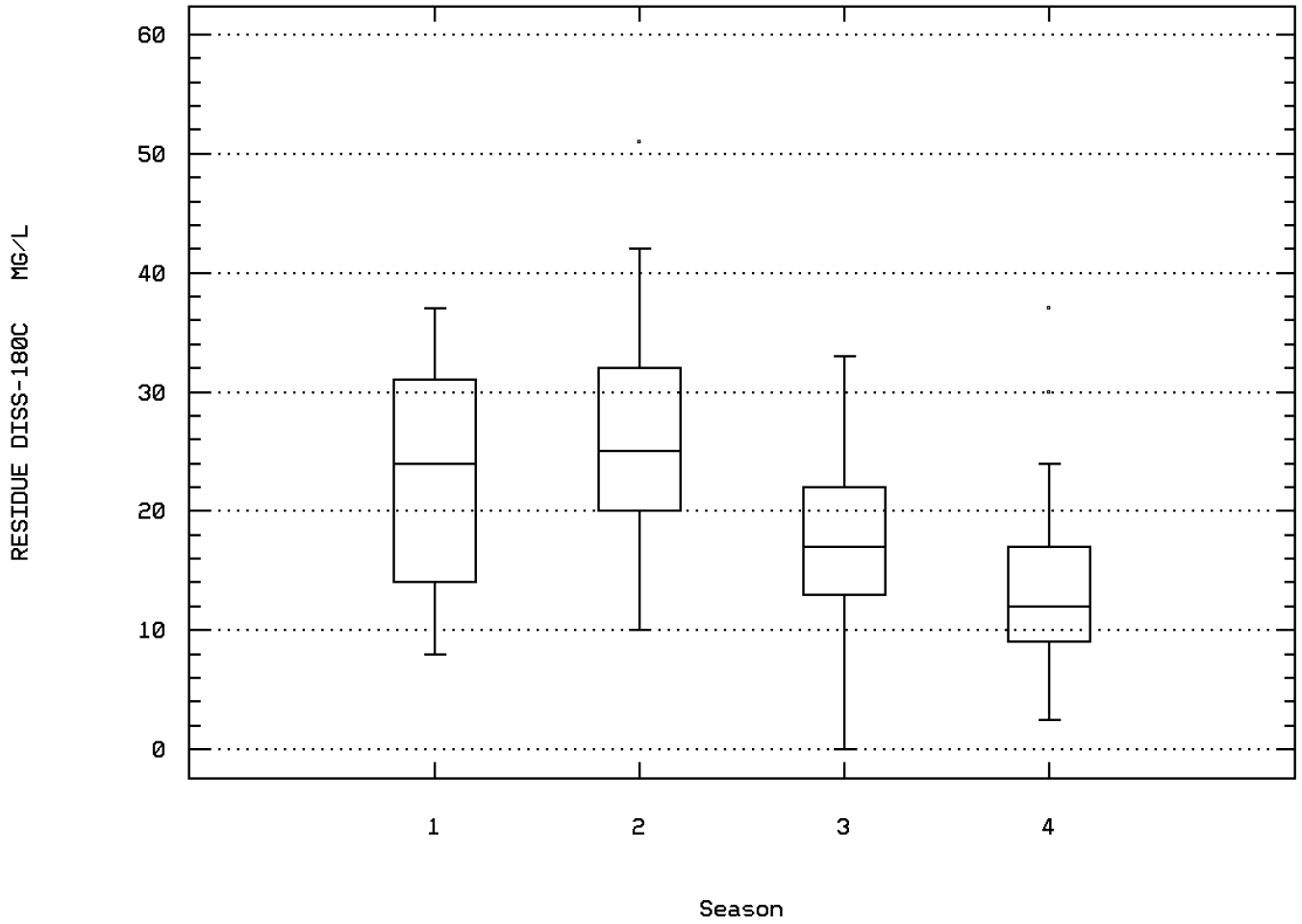
RADIUM 226, DISSOLVED, RADON METHOD



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 70300

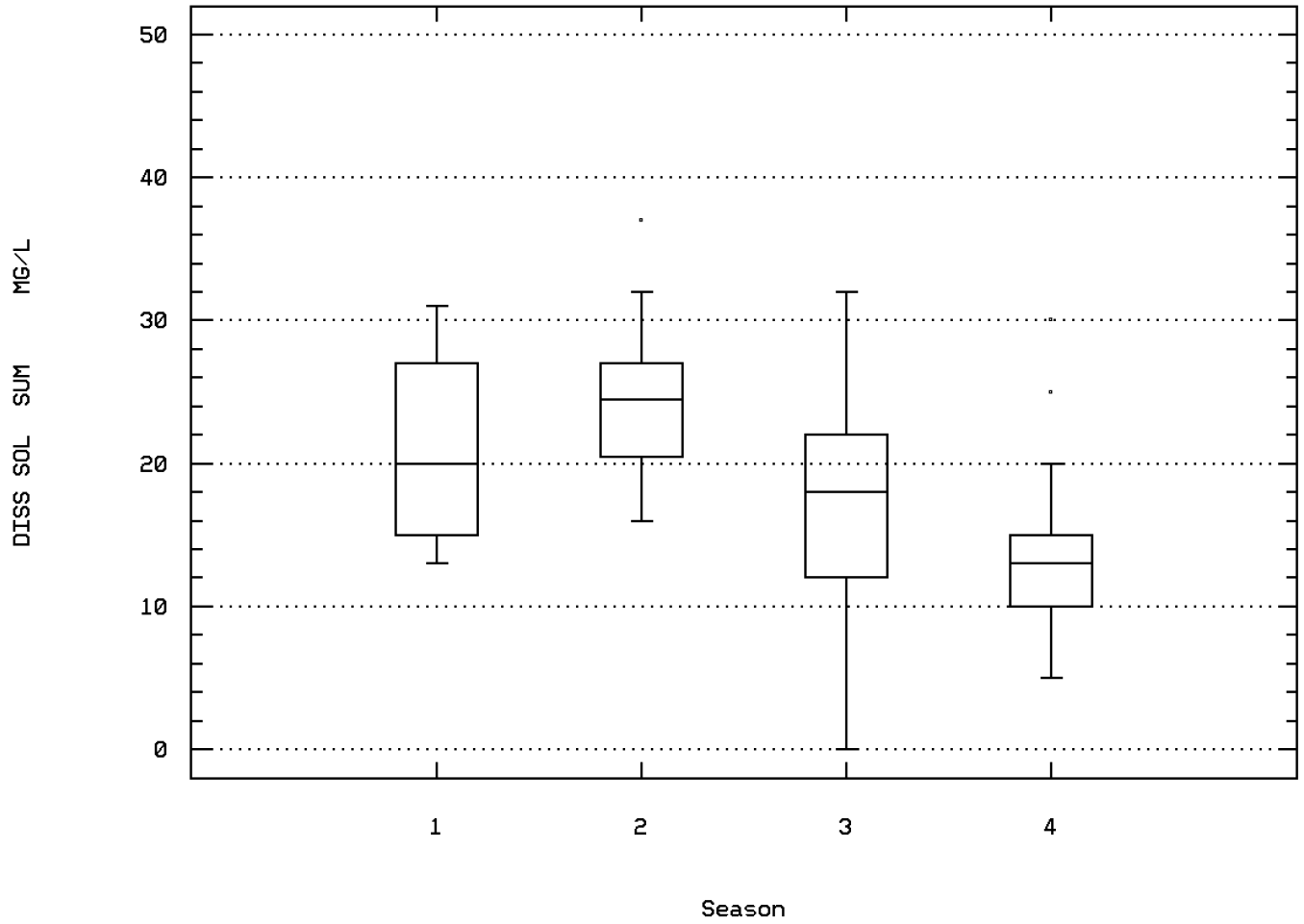
RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 70301

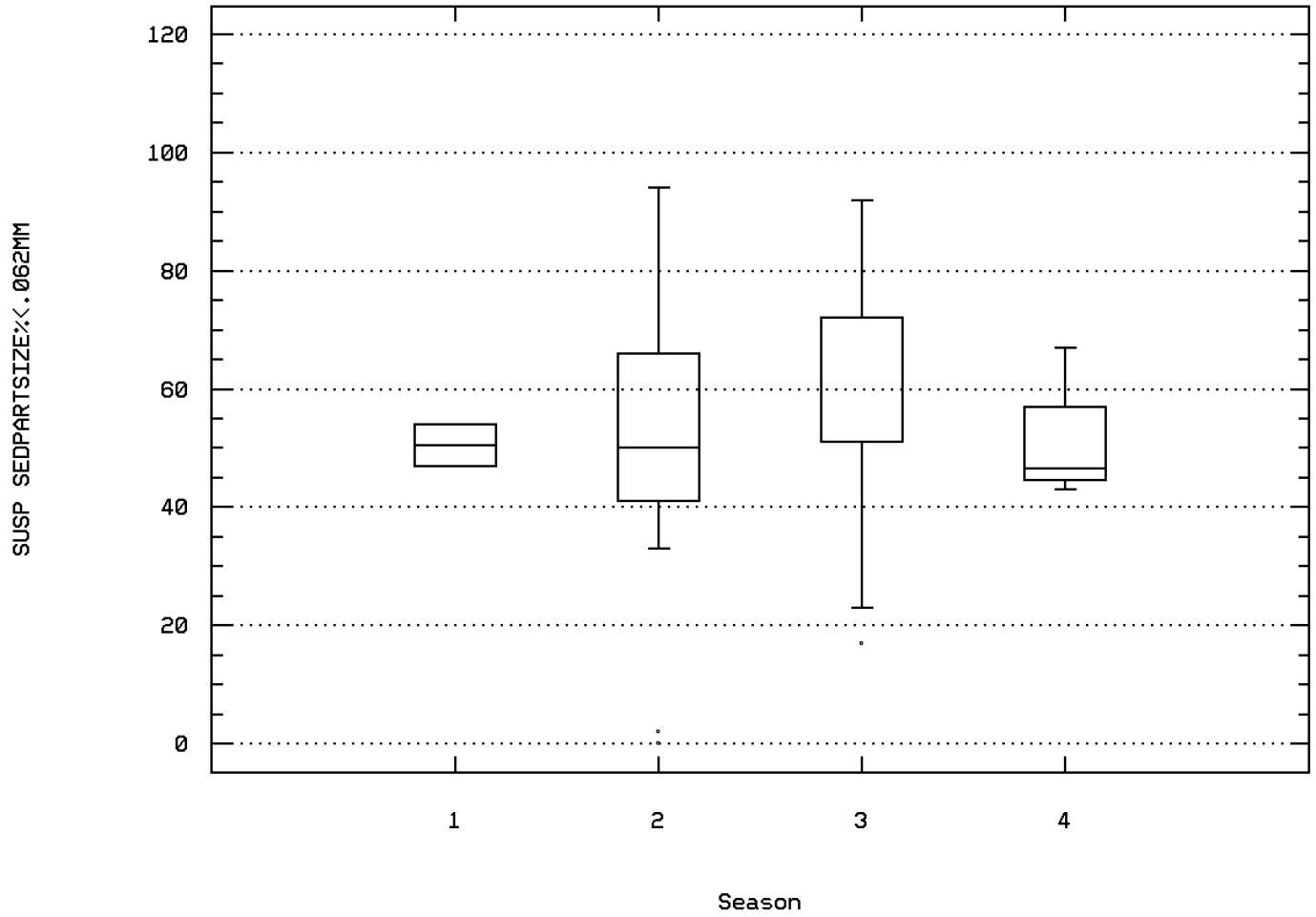
SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (



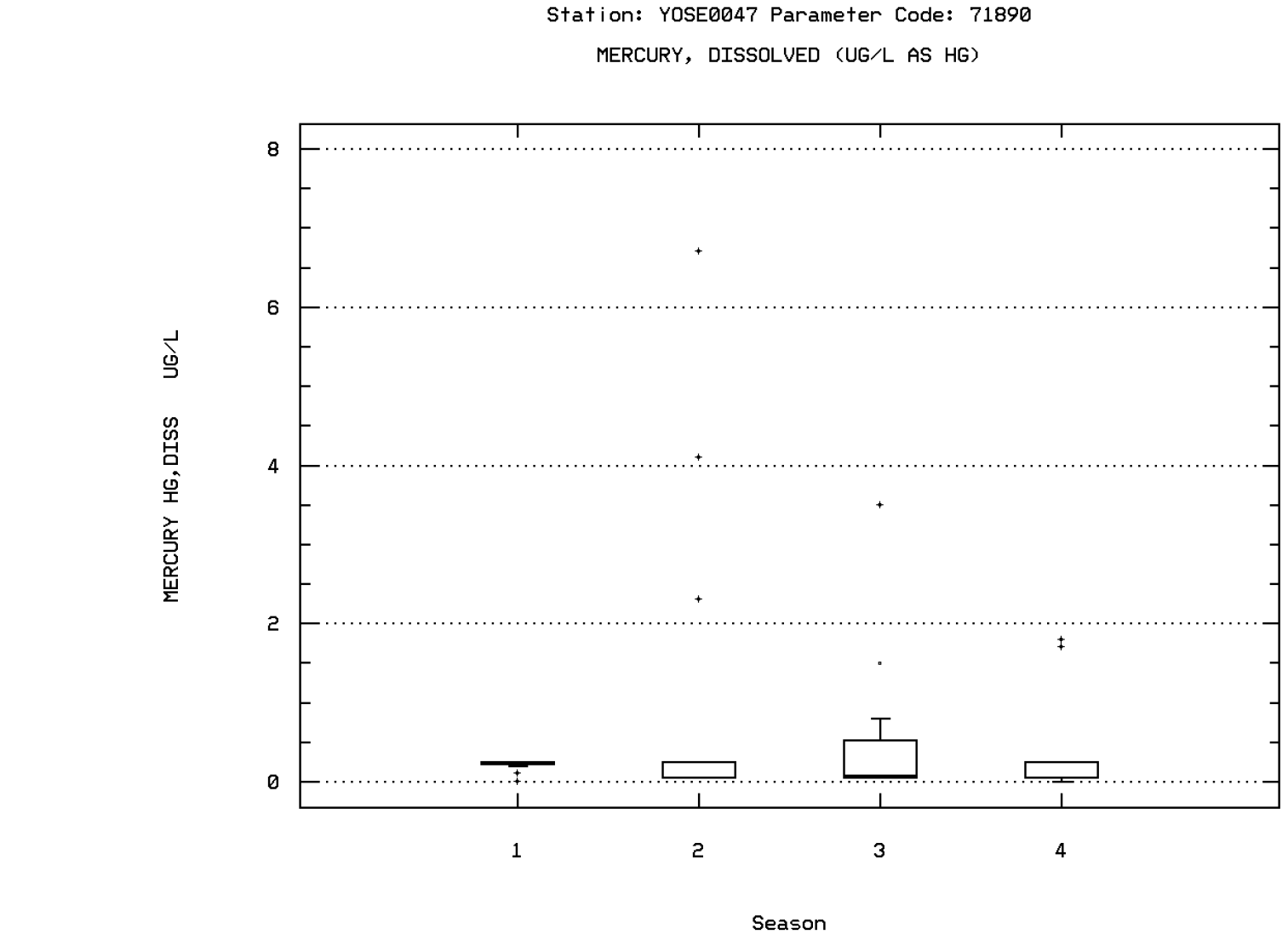
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 70331

SUSPENDED SED SIEVE DIAMETER,% FINER TH



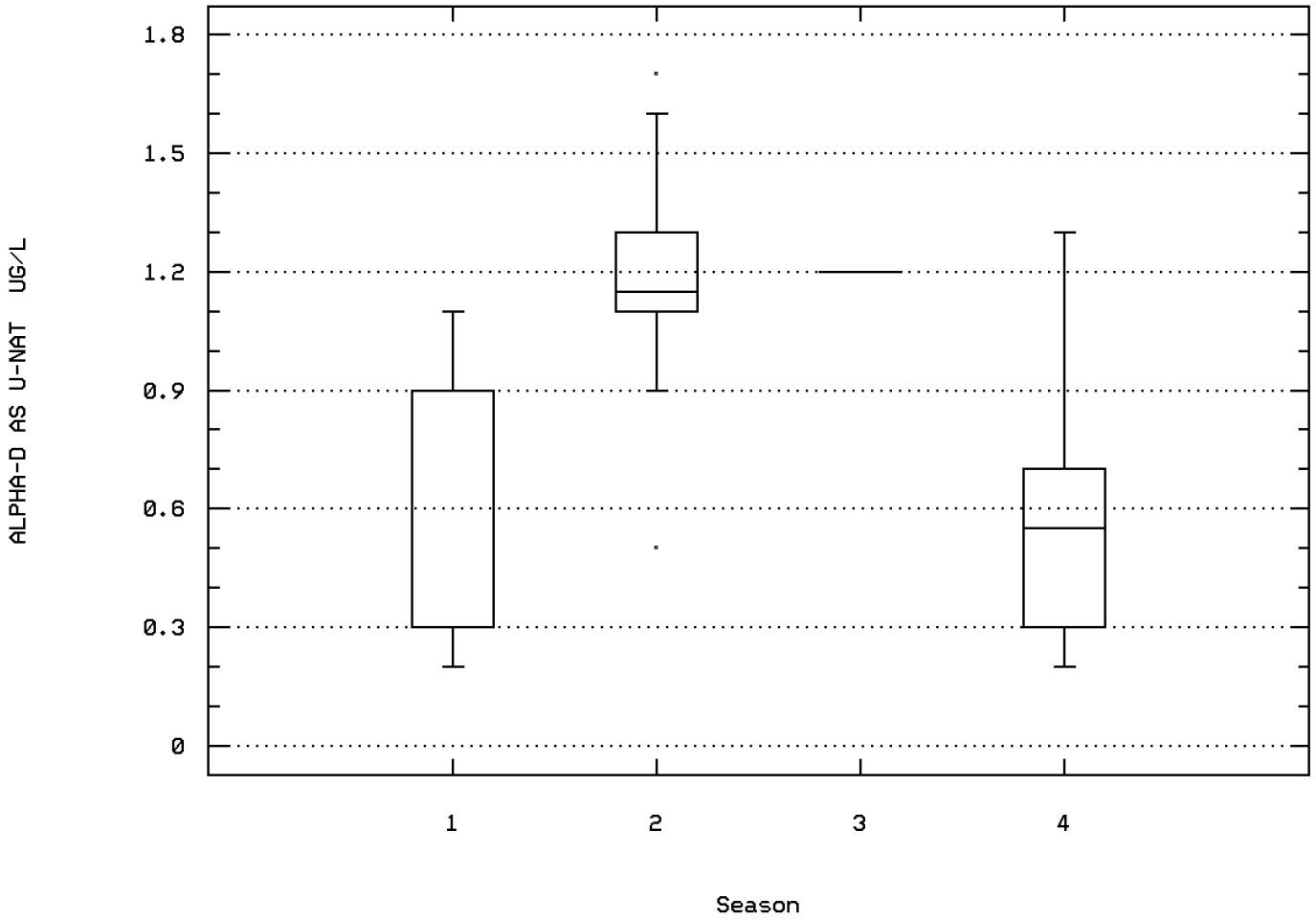
MERCED R A HAPPY ISLES BRIDGE NR YOSEMI



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 80030

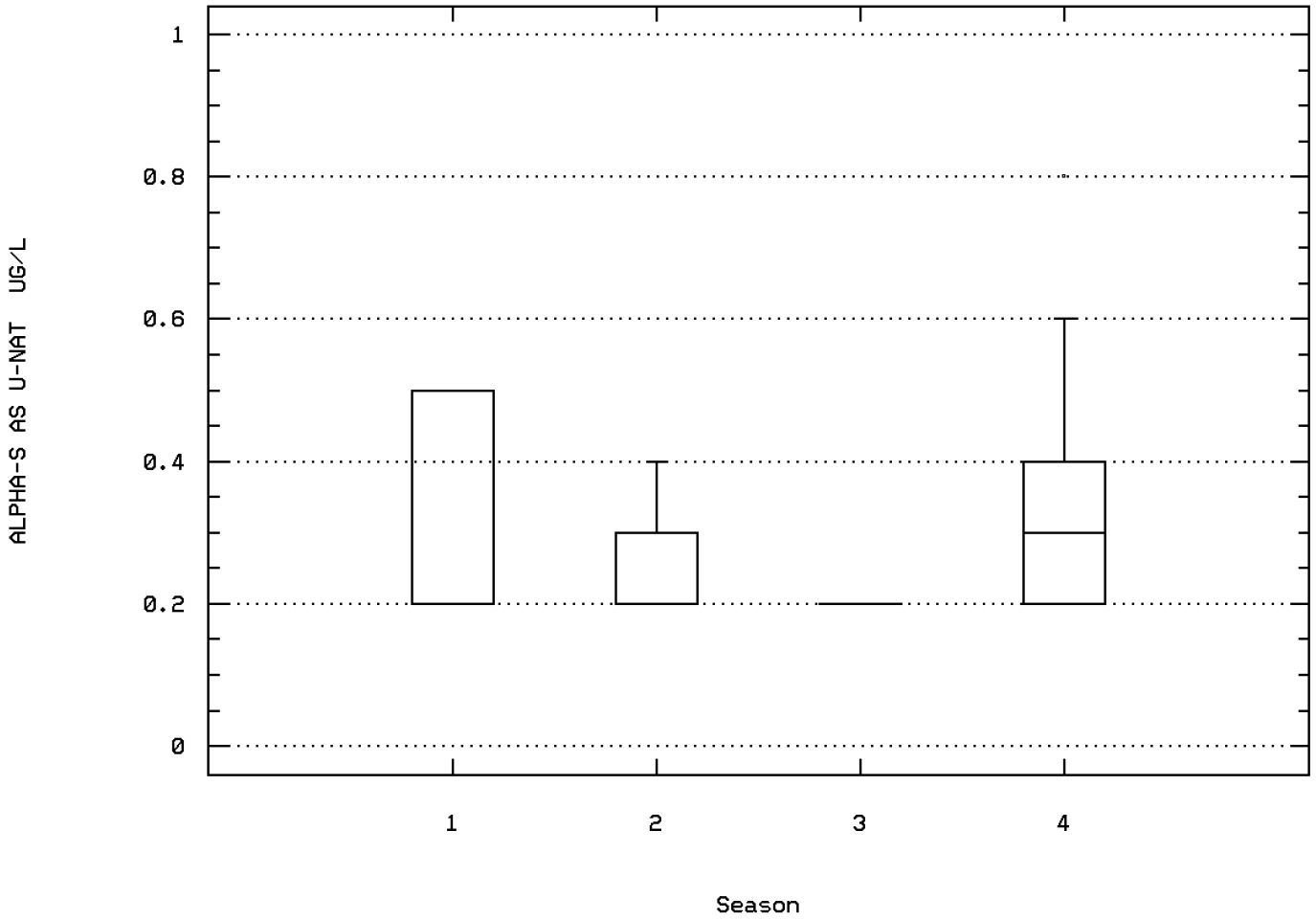
ALPHA,DISSOLVED GROSS,AS URANIUM-NATURA



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 80040

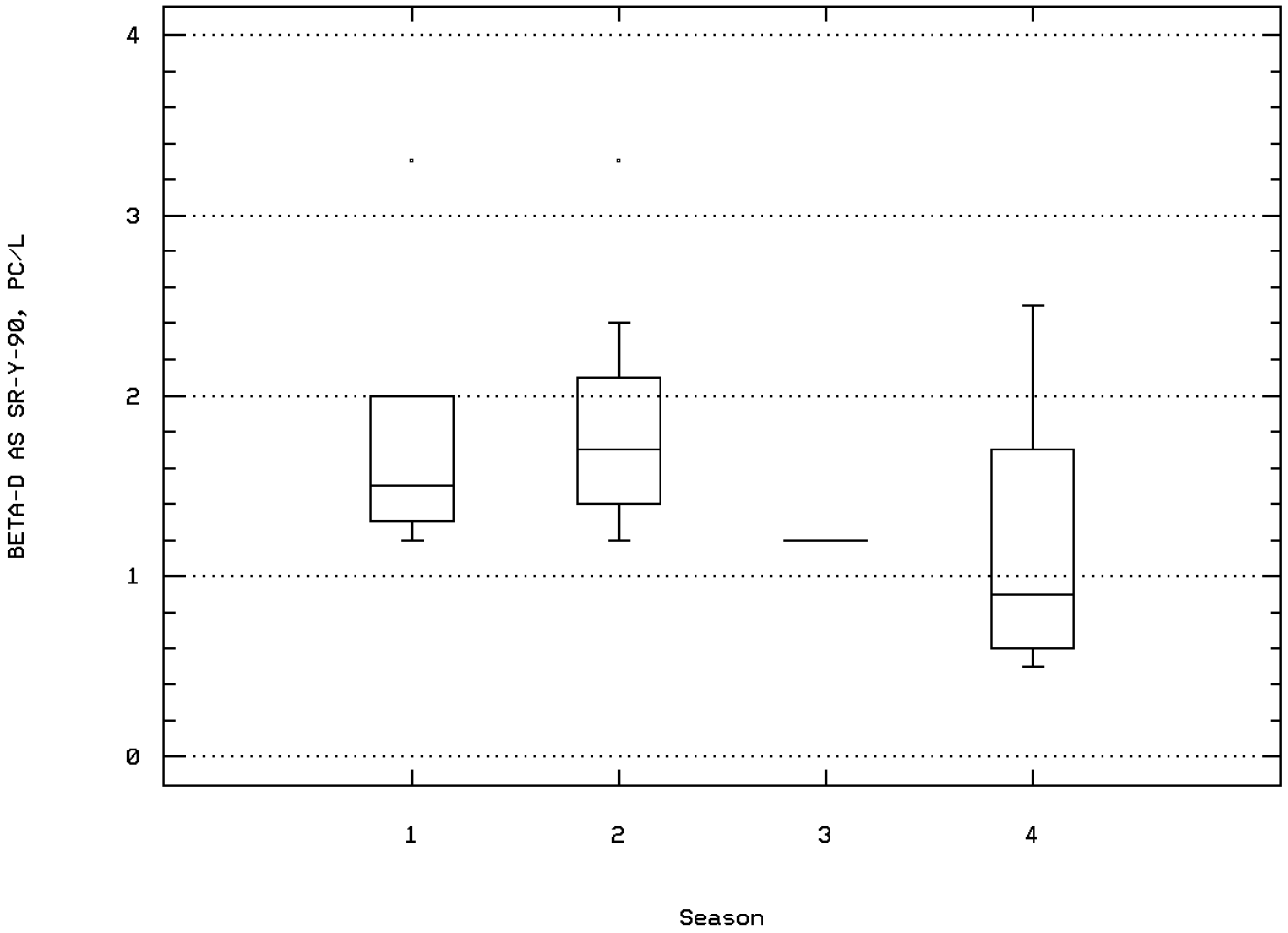
ALPHA,SUSPENDED GROSS, AS URANIUM-NATUR



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 80050

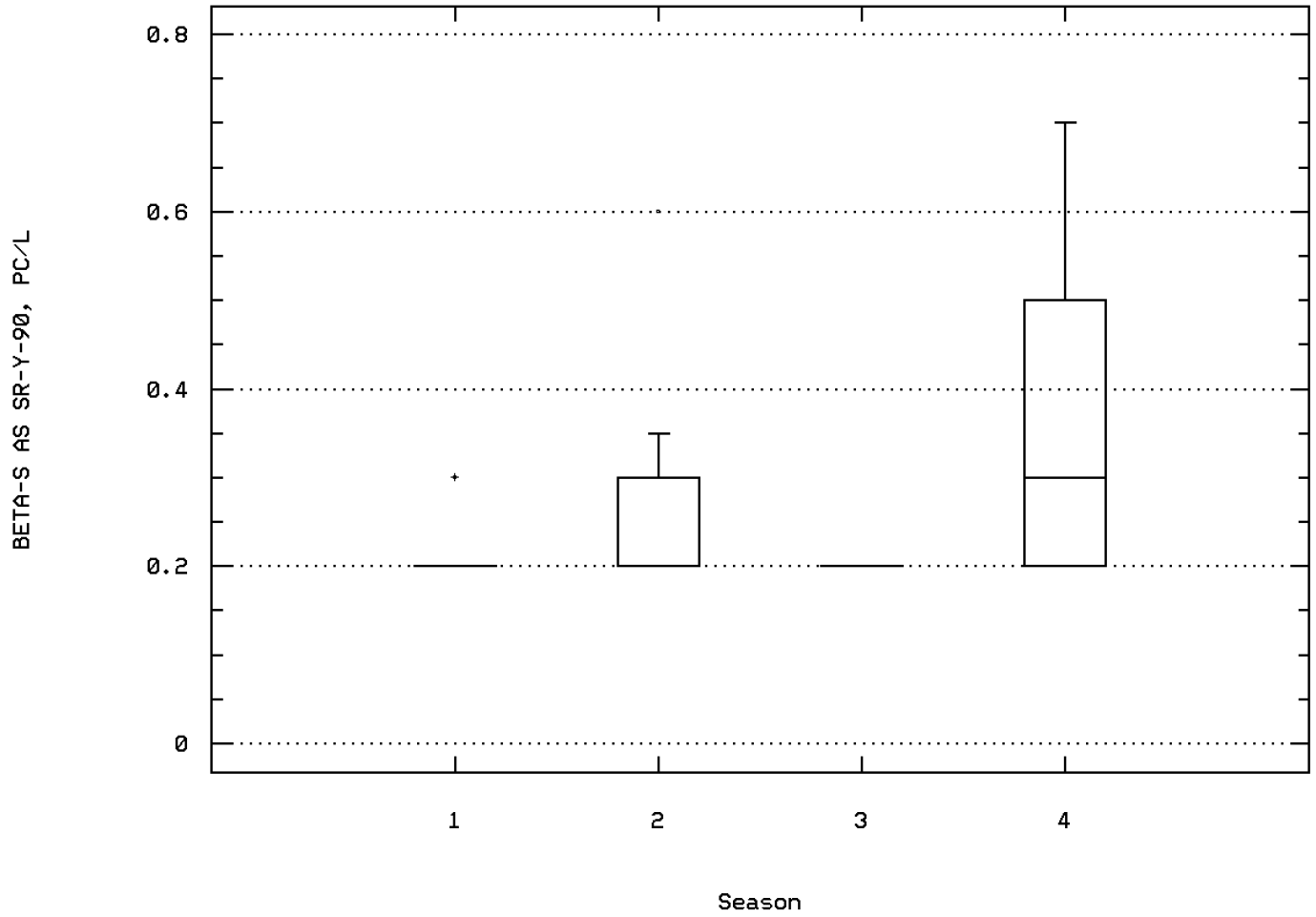
BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 80060

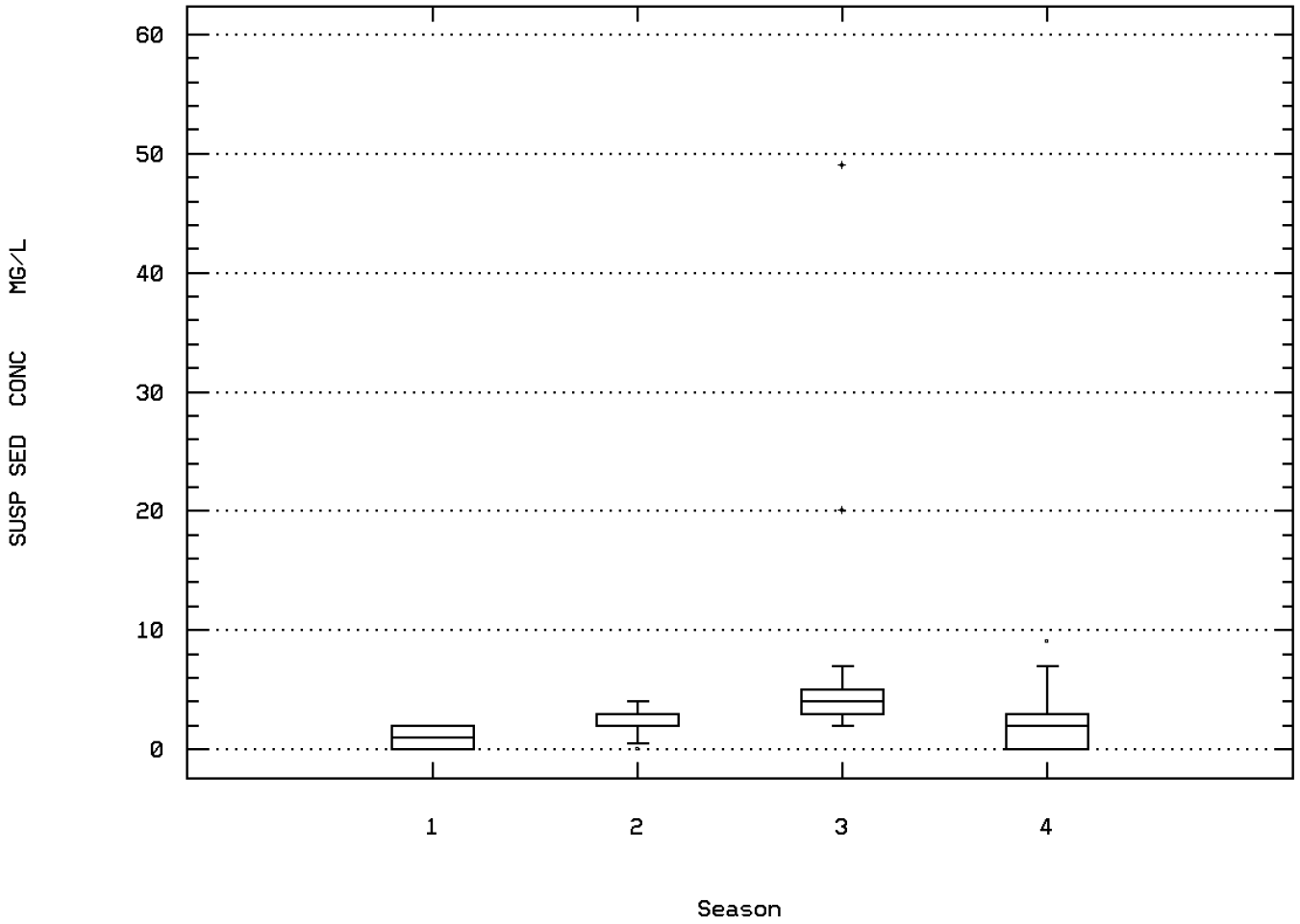
BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station: YOSE0047 Parameter Code: 80154

SUSP. SEDIMENT CONCENTRATION-EVAP. AT 1



MERCED R A HAPPY ISLES BRIDGE NR YOSEMI

Station Inventory for Station: YOSE0048

NPS Station ID: YOSE0048
LAT/LON: 37.731670/-119.558337
Agency: 21CAL-1
Date Created: 05/21/76
Location: MERCED R A HAPPY ISLES BR
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): B5170000 /5372601
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin: MERCED RIVER
Elevation: 0
Water Body Id:
Minor Basin: MERCED RIVER
ECO Region:
RF1 Index: 18040008029
RF1 Mile Point: 0.790
Distance from RF1: 0.60
On/Off RF1: OFF
RF3 Index: 18040008002700.05
RF3 Mile Point: 0.05
Distance from RF3: 0.02
On/Off RF3:
Description:
SURFACE WATER STATION; DATA MANAGER CODE: 8; AREAL CODE: ; BEGINNING OF RECORD: 1072; ELEVATION: 4100 ;
STATION NAME: MERCED R A HAPPY ISLES BR ; DWR COUNTY CODE: 22; LATITUDE: 374354; LONGITUDE: 1193330;
CALIFORNIA COORDINATES:

Parameter Inventory for Station: YOSE0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-06/10/80	43	8.	8.686	18.	1.	21.65	4.653	2.7	5.	13.	14.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/11/72-06/10/80	34	120.	425.471	2900.	4.	528390.257	726.905	8.	19.75	468.5	1875.
00065	STAGE, STREAM (FEET)	05/08/74-06/10/80	30	2.3	2.882	6.92	0.89	3.378	1.838	1.1	1.423	4.263	6.136
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/07/77-09/08/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/03/73-06/10/80	40	18.5	22.	49.	4.	170.615	13.062	7.	11.5	31.75	43.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/72-06/10/80	35	24.	24.886	49.	7.	163.751	12.797	8.	11.	35.	43.4
00300	OXYGEN, DISSOLVED MG/L	07/04/73-06/10/80	34	10.5	10.574	13.5	8.8	1.623	1.274	9.	9.475	11.35	12.8
00310	BOD, 5 DAY, 20 DEG C MG/L	02/21/73-06/10/80	11	0.9	0.918	1.6	0.6	0.092	0.303	0.6	0.6	1.1	1.52
00335	COD, .025N K2CR2O7 MG/L	11/04/75-06/10/80	10	2.	2.62	9.	0.	6.866	2.62	0.1	1.	3.5	8.6
00400	PH (STANDARD UNITS)	07/03/73-06/10/80	40	6.9	6.88	8.3	6.	0.103	0.32	6.6	6.8	7.	7.09
00400	CONVERTED PH (STANDARD UNITS)	07/03/73-06/10/80	40	6.9	6.772	8.3	6.	0.115	0.338	6.6	6.8	7.	7.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/73-06/10/80	40	0.126	0.169	1.	0.005	0.027	0.165	0.081	0.1	0.158	0.251
00403	PH, LAB, STANDARD UNITS SU	10/05/72-06/10/80	36	6.85	6.856	7.7	6.3	0.093	0.305	6.47	6.625	7.1	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/05/72-06/10/80	36	6.847	6.759	7.7	6.3	0.102	0.32	6.47	6.625	7.1	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/72-06/10/80	36	0.142	0.174	0.501	0.02	0.014	0.116	0.063	0.079	0.238	0.341
00405	CARBON DIOXIDE (MG/L AS CO2)	06/12/74-06/12/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/05/72-10/10/78	37	5.	5.405	10.	2.	5.137	2.266	2.	4.	7.	9.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/08/74-06/10/80	5	4.	4.6	11.	0.	16.3	4.037	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/13/74-09/08/77	3	2.	1.667	3.	0.	2.333	1.528	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	07/03/74-07/04/74	2	4.	4.	5.5	2.5	4.5	2.121	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/08/79-06/10/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/03/73-12/13/78	32	0.01	0.014	0.07	0.	0.	0.016	0.	0.	0.02	0.027
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/21/73-11/04/75	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/05/72-12/13/78	33	0.02	0.045	0.59	0.	0.01	0.1	0.01	0.01	0.045	0.066
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/03/73-12/13/78	29	0.1	0.137	0.47	0.	0.018	0.134	0.	0.025	0.2	0.44
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/21/73-06/10/80	9	0.02	0.021	0.05	0.	0.	0.017	0.	0.005	0.035	0.05
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/05/72-06/10/80	38	0.1	0.134	0.5	0.	0.017	0.129	0.	0.068	0.2	0.32
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/72-06/10/80	42	0.	0.006	0.03	0.	0.	0.008	0.	0.	0.01	0.02
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/03/74-07/05/74	3	0.	0.067	0.2	0.	0.013	0.115	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/72-06/10/80	40	0.	0.002	0.02	0.	0.	0.005	0.	0.	0.	0.01
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/03/73-06/10/80	11	2.5	3.155	5.5	1.5	1.643	1.282	1.62	2.4	4.5	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 time series plot

Parameter Inventory for Station: YOSE0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/72-06/10/80	39	5.	5.795	11.	2.	9.273	3.045	2.	3.	8.	11.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/72-06/10/80	39	1.6	1.923	4.4	0.3	1.291	1.136	0.6	1.	3.	3.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/72-06/10/80	39	0.1	0.254	1.9	0.	0.165	0.406	0.	0.	0.4	0.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/72-06/10/80	39	1.7	1.803	4.1	0.1	1.289	1.135	0.5	0.7	2.8	3.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/72-06/10/80	38	0.2	0.303	1.	0.	0.052	0.227	0.1	0.2	0.4	0.7
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/05/72-06/10/80	39	1.	2.487	9.	0.	6.352	2.52	0.	0.5	4.	7.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/05/72-06/10/80	39	0.9	0.887	3.1	0.	0.456	0.676	0.	0.3	1.3	1.9
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/12/74-08/15/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/03/73-09/03/74	11	3.9	3.836	5.1	0.9	1.409	1.187	1.34	3.2	5.	5.08
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/03/73-06/10/80	6	0.	0.167	1.	0.	0.167	0.408	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/03/74-09/03/74	6	1.5	2.333	9.	0.	11.467	3.386	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/10/80-06/10/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/05/72-06/10/80	29	0.	8.276	100.	0.	700.493	26.467	0.	0.	0.	40.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/03/73-06/10/80	4	0.	0.25	1.	0.	0.25	0.5	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/03/74-09/03/74	6	10.	10.	10.	10.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/03/73-06/10/80	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/03/74-09/03/74	6	0.	0.	0.	0.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/03/73-07/05/73	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	07/03/74-09/03/74	6	50.	50.	50.	50.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/07/77-06/10/80	7	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/03/74-09/03/74	6	85.	81.667	90.	70.	96.667	9.832	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/03/73-06/10/80	11	40.	48.182	100.	10.	856.364	29.264	12.	30.	80.	98.
01049	LEAD, DISSOLVED (UG/L AS PB)	07/03/73-06/10/80	4	0.5	0.75	2.	0.	0.917	0.957	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/03/74-09/03/74	6	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/10/78-06/10/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/03/73-10/09/79	9	0.	6.667	30.	0.	125.	11.18	0.	0.	15.	30.
01092	ZINC, TOTAL (UG/L AS ZN)	07/03/74-09/03/74	6	5.	6.667	20.	0.	66.667	8.165	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/10/78-06/10/80	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/10/80-06/10/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	12/13/78-06/10/80	3	7.	6.333	10.	2.	16.333	4.041	**	**	**	**
39040	S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE WTR-FPD UG/L	07/07/77-07/11/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39042	ORG PHOS COMPNONE FOUNDWHOLE WATER SMPL (UG/L)	07/07/77-07/11/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/05/72-06/10/80	39	19.	20.103	39.	4.	87.726	9.366	8.	11.	27.	34.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/03/74-09/01/74	4	0.025	0.02	0.03	0.	0.	0.014	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/05/72-10/09/79	9	0.1	0.1	0.3	0.	0.01	0.1	0.	0.	0.15	0.3
71890	MERCURY, DISSOLVED (UG/L AS HG)	01/11/72-06/12/74	5	0.1	1.42	6.7	0.1	8.712	2.952	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/03/74-06/10/80	12	0.	0.033	0.2	0.	0.004	0.065	0.	0.	0.075	0.17

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

EPA Water Quality Criteria Analysis for Station: YOSE0048

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	34	0	0.00	5	0	0.00	11	0	0.00	6	0	0.00	12	0	0.00
00400	PH	Other-Hi Lim.	9.	40	0	0.00	8	0	0.00	11	0	0.00	6	0	0.00	15	0	0.00
		Other-Lo Lim.	6.5	40	3	0.08	8	1	0.13	11	0	0.00	6	0	0.00	15	2	0.13
00403	PH, LAB	Other-Hi Lim.	9.	36	0	0.00	9	0	0.00	11	0	0.00	4	0	0.00	12	0	0.00
		Other-Lo Lim.	6.5	36	8	0.22	9	2	0.22	11	2	0.18	4	0	0.00	12	4	0.33
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	7	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	33	0	0.00	7	0	0.00	13	0	0.00	5	0	0.00	8	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	9	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	39	0	0.00	9	0	0.00	10	0	0.00	4	0	0.00	16	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	39	0	0.00	9	0	0.00	10	0	0.00	4	0	0.00	16	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	6	0	0.00	1	0	0.00							5	0	0.00
		Drinking Water	50.	6	0	0.00	1	0	0.00							5	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	3	0	0.00							3	0	0.00
		Drinking Water	50.	6	0	0.00	3	0	0.00							3	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	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: YOSE0048

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00										4	0	0.00
		Drinking Water	5.	4	0	0.00										4	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	6	6	1.00	3	3	1.00							3	3	1.00
		Drinking Water	5.	6	6	1.00	3	3	1.00							3	3	1.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	10	0	0.00	3	0	0.00				1	0	0.00	6	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00	3	0	0.00							3	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	7	0	0.00	3	0	0.00				1	0	0.00	3	0	0.00
		Drinking Water	1300.	7	0	0.00	3	0	0.00				1	0	0.00	3	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00										4	0	0.00
		Drinking Water	5.	4	0	0.00										4	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	6	6	1.00	3	3	1.00							3	3	1.00
		Drinking Water	5.	6	6	1.00	3	3	1.00							3	3	1.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	9	0	0.00	3	0	0.00				1	0	0.00	5	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	6	0	0.00	3	0	0.00							3	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	1	0.50	1	0	0.00							1	1	1.00
		Drinking Water	50.	2	0	0.00	1	0	0.00							1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	9	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	5	1	0.20				1	1	1.00				4	0	0.00
		Drinking Water	2.	5	1	0.20				1	1	1.00				4	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	12	0	0.00	5	0	0.00				1	0	0.00	6	0	0.00
		Drinking Water	2.	12	0	0.00	5	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

Seasonal Analysis for Season #1: 9/01 to 10/15 - Station YOSE0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-06/10/80	8	13.	11.088	14.	4.	12.433	3.526	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/11/72-06/10/80	8	34.	267.	1950.	4.	462736.286	680.247	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/03/73-06/10/80	8	27.5	25.875	44.	11.	117.268	10.829	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/72-06/10/80	8	27.5	28.125	41.	11.	100.696	10.035	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/04/73-06/10/80	5	9.	9.16	9.7	9.	0.093	0.305	**	**	**	**
00400	PH (STANDARD UNITS)	07/03/73-06/10/80	8	6.9	6.85	7.1	6.2	0.077	0.278	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/03/73-06/10/80	8	6.9	6.743	7.1	6.2	0.09	0.3	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/73-06/10/80	8	0.126	0.181	0.631	0.079	0.034	0.183	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/05/72-06/10/80	9	6.9	6.889	7.2	6.4	0.079	0.28	6.4	6.7	7.15	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/05/72-06/10/80	9	6.9	6.801	7.2	6.4	0.087	0.296	6.4	6.7	7.15	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/72-06/10/80	9	0.126	0.158	0.398	0.063	0.014	0.118	0.063	0.071	0.221	0.398
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/05/72-12/13/78	7	0.03	0.031	0.07	0.	0.001	0.025	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/05/72-06/10/80	8	0.2	0.25	0.5	0.1	0.029	0.169	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/72-06/10/80	8	0.	0.004	0.02	0.	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/72-06/10/80	8	0.	0.001	0.01	0.	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/72-06/10/80	9	6.	6.111	10.	3.	7.861	2.804	3.	3.5	9.	10.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/72-06/10/80	9	1.4	1.978	3.7	0.4	1.379	1.174	0.4	1.15	3.25	3.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/72-06/10/80	9	0.1	0.322	1.9	0.	0.367	0.606	0.	0.	0.3	1.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/72-06/10/80	9	1.7	1.989	3.	0.7	0.576	0.759	0.7	1.65	2.85	3.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/72-06/10/80	9	0.3	0.422	1.	0.2	0.079	0.282	0.2	0.2	0.65	1.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/05/72-06/10/80	9	2.	2.567	5.	0.5	3.658	1.912	0.5	0.8	4.5	5.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/05/72-06/10/80	9	0.8	0.733	1.3	0.	0.18	0.424	0.	0.45	1.1	1.3
01020	BORON, DISSOLVED (UG/L AS B)	10/05/72-06/10/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/05/72-06/10/80	9	24.	24.778	37.	14.	51.694	7.19	14.	20.	30.5	37.

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

Seasonal Analysis for Season #2: 10/16 to 3/15 - Station YOSE0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-06/10/80	13	4.	3.908	7.5	1.	4.419	2.102	1.	2.25	5.5	7.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/11/72-06/10/80	12	48.	74.333	180.	5.	4392.97	66.279	5.9	16.75	143.75	173.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/03/73-06/10/80	11	37.	34.909	49.	15.	123.691	11.122	16.6	26.	44.	48.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/72-06/10/80	11	35.	36.545	49.	20.	78.073	8.836	21.6	32.	44.	48.8
00300	OXYGEN, DISSOLVED MG/L	07/04/73-06/10/80	11	11.5	11.436	13.2	9.4	1.149	1.072	9.62	10.5	12.1	13.12
00400	PH (STANDARD UNITS)	07/03/73-06/10/80	11	7.	6.955	7.1	6.8	0.011	0.104	6.8	6.8	7.	7.08
00400	CONVERTED PH (STANDARD UNITS)	07/03/73-06/10/80	11	7.	6.943	7.1	6.8	0.011	0.104	6.8	6.8	7.	7.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/73-06/10/80	11	0.1	0.114	0.158	0.079	0.001	0.029	0.084	0.1	0.158	0.158
00403	PH, LAB, STANDARD UNITS SU	10/05/72-06/10/80	11	7.	6.909	7.3	6.4	0.085	0.291	6.42	6.7	7.1	7.28
00403	CONVERTED PH, LAB, STANDARD UNITS	10/05/72-06/10/80	11	7.	6.815	7.3	6.4	0.095	0.307	6.42	6.7	7.1	7.28
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/72-06/10/80	11	0.1	0.153	0.398	0.05	0.013	0.113	0.053	0.079	0.2	0.382
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/05/72-12/13/78	13	0.02	0.03	0.08	0.01	0.	0.022	0.01	0.01	0.045	0.072
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/05/72-06/10/80	13	0.06	0.062	0.2	0.	0.004	0.061	0.	0.005	0.1	0.16
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/72-06/10/80	13	0.	0.005	0.02	0.	0.	0.007	0.	0.	0.01	0.016
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/72-06/10/80	12	0.	0.003	0.02	0.	0.	0.006	0.	0.	0.	0.017
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/72-06/10/80	10	9.5	9.5	11.	7.	2.278	1.509	7.1	8.	11.	11.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/72-06/10/80	10	3.25	3.19	4.4	1.7	0.608	0.78	1.79	2.6	3.7	4.36
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/72-06/10/80	10	0.25	0.39	1.7	0.	0.259	0.509	0.	0.075	0.525	1.59
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/72-06/10/80	10	2.9	3.04	4.1	2.2	0.523	0.723	2.21	2.375	3.85	4.09
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/72-06/10/80	9	0.6	0.422	0.7	0.	0.074	0.273	0.	0.15	0.65	0.7
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/05/72-06/10/80	10	5.	5.6	9.	3.	4.044	2.011	3.1	4.	7.25	8.9
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/05/72-06/10/80	10	1.	0.94	2.	0.	0.552	0.743	0.02	0.2	1.6	1.99
01020	BORON, DISSOLVED (UG/L AS B)	10/05/72-06/10/80	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/05/72-06/10/80	11	29.	27.545	39.	10.	68.673	8.287	11.6	25.	32.	38.8

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

Seasonal Analysis for Season #3: 3/16 to 5/31 - Station YOSE0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-06/10/80	6	5.	5.5	7.	5.	0.7	0.837	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/11/72-06/10/80	5	200.	553.	1300.	135.	292420.	540.759	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/03/73-06/10/80	6	15.	16.667	30.	8.	55.867	7.474	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/72-06/10/80	4	20.5	21.5	26.	19.	9.667	3.109	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/04/73-06/10/80	6	11.05	11.6	13.5	10.6	1.556	1.247	**	**	**	**
00400	PH (STANDARD UNITS)	07/03/73-06/10/80	6	6.9	7.1	8.3	6.6	0.376	0.613	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/03/73-06/10/80	6	6.889	6.902	8.3	6.6	0.423	0.651	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/73-06/10/80	6	0.129	0.125	0.251	0.005	0.007	0.084	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/05/72-06/10/80	4	6.7	6.775	7.1	6.6	0.049	0.222	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/05/72-06/10/80	4	6.7	6.739	7.1	6.6	0.051	0.226	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/72-06/10/80	4	0.2	0.182	0.251	0.079	0.005	0.073	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/05/72-12/13/78	5	0.02	0.02	0.04	0.01	0.	0.012	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/05/72-06/10/80	6	0.1	0.1	0.2	0.	0.004	0.063	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/72-06/10/80	6	0.01	0.008	0.02	0.	0.	0.008	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/72-06/10/80	6	0.	0.002	0.01	0.	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/72-06/10/80	4	5.	5.	6.	4.	0.667	0.816	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/72-06/10/80	4	1.7	1.65	2.	1.2	0.117	0.342	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/72-06/10/80	4	0.2	0.225	0.5	0.	0.069	0.263	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/72-06/10/80	4	1.6	1.5	1.8	1.	0.127	0.356	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/72-06/10/80	4	0.35	0.3	0.4	0.1	0.02	0.141	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/05/72-06/10/80	4	0.95	1.225	3.	0.	1.603	1.266	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/05/72-06/10/80	4	0.4	0.525	1.3	0.	0.309	0.556	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/05/72-06/10/80	4	0.	25.	100.	0.	2500.	50.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/05/72-06/10/80	4	14.5	14.75	22.	8.	46.25	6.801	**	**	**	**

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

Seasonal Analysis for Season #4: 6/01 to 8/31 - Station YOSE0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-06/10/80	16	12.75	12.563	18.	8.	8.096	2.845	8.35	9.875	15.125	16.25
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/11/72-06/10/80	9	470.	963.667	2900.	8.	1076379.5	1037.487	8.	138.5	1950.	2900.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/03/73-06/10/80	15	9.	12.6	32.	4.	61.971	7.872	4.	7.	15.	27.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/72-06/10/80	12	9.	13.167	36.	7.	70.879	8.419	7.3	8.	17.75	30.9
00300	OXYGEN, DISSOLVED MG/L	07/04/73-06/10/80	12	9.95	9.858	10.6	8.8	0.297	0.545	8.92	9.425	10.2	10.57
00400	PH (STANDARD UNITS)	07/03/73-06/10/80	15	6.8	6.753	7.	6.	0.063	0.25	6.3	6.7	6.9	7.
00400	CONVERTED PH (STANDARD UNITS)	07/03/73-06/10/80	15	6.8	6.657	7.	6.	0.073	0.269	6.3	6.7	6.9	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/73-06/10/80	15	0.158	0.22	1.	0.1	0.05	0.223	0.1	0.126	0.2	0.59
00403	PH, LAB, STANDARD UNITS SU	10/05/72-06/10/80	12	6.8	6.808	7.7	6.3	0.139	0.373	6.36	6.5	7.05	7.52
00403	CONVERTED PH, LAB, STANDARD UNITS	10/05/72-06/10/80	12	6.8	6.694	7.7	6.3	0.153	0.392	6.36	6.5	7.05	7.52
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/72-06/10/80	12	0.158	0.202	0.501	0.02	0.018	0.136	0.038	0.091	0.316	0.446
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/05/72-12/13/78	8	0.025	0.099	0.59	0.01	0.04	0.199	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	10/05/72-06/10/80	11	0.1	0.154	0.5	0.02	0.017	0.129	0.03	0.1	0.2	0.44
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/72-06/10/80	15	0.	0.007	0.03	0.	0.	0.01	0.	0.	0.01	0.024
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/72-06/10/80	14	0.	0.002	0.02	0.	0.	0.006	0.	0.	0.	0.015
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/05/72-06/10/80	16	3.	3.5	8.	2.	2.8	1.673	2.	2.	4.	6.6
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/72-06/10/80	16	1.	1.169	3.1	0.3	0.448	0.669	0.44	0.725	1.575	2.19
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/72-06/10/80	16	0.1	0.138	0.5	0.	0.024	0.154	0.	0.	0.2	0.43
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/72-06/10/80	16	0.6	1.	4.	0.1	0.865	0.93	0.31	0.5	1.3	2.53
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/72-06/10/80	16	0.2	0.169	0.3	0.	0.005	0.07	0.07	0.1	0.2	0.23
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/05/72-06/10/80	16	0.5	0.813	5.	0.	1.513	1.23	0.	0.075	0.95	2.9
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/05/72-06/10/80	16	0.95	1.031	3.1	0.	0.594	0.771	0.	0.5	1.4	2.33
01020	BORON, DISSOLVED (UG/L AS B)	10/05/72-06/10/80	9	0.	15.556	100.	0.	1177.778	34.319	0.	0.	20.	100.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/05/72-06/10/80	15	13.	13.267	21.	4.	33.781	5.812	4.	8.	18.	21.

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

Station Inventory for Station: YOSE0049

NPS Station ID: YOSE0049
LAT/LON: 37.733337/-119.550004
Agency: 11NATDC
Date Created: 07/13/85
Location: MERCED R AT HAPPY ISLES BRIDGE
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): T0709440 /2063
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin: CALIFORNIA
Elevation: 0
Water Body Id:
Minor Basin: SAN JOAQUIN R
ECO Region:
RF1 Index: 18040008029
RF1 Mile Point: 0.000
Distance from RF1: 4.30
On/Off RF1: ON
RF3 Index: 18040008042400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0049

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: YOSE0050

NPS Station ID: YOSE0050 LAT/LON: 37.733892/-119.512226 Agency: 112WRD Date Created: 01/11/86
Location: SUNRISE CREEK UPSTREAM FROM MERCED RIVER FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 374402119304401
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040008 RF1 Mile Point: 0.000 Distance from RF1: 1.50 On/Off RF1:
RF3 Index: 18040008003101.58 RF3 Mile Point: 2.59 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/83-09/16/83	1	12.1	12.1	12.1	12.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/83-09/16/83	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/16/83-09/16/83	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/16/83-09/16/83	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/16/83-09/16/83	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/83-09/16/83	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/16/83-09/16/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/16/83-09/16/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/83-09/16/83	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/16/83-09/16/83	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/16/83-09/16/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/16/83-09/16/83	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/16/83-09/16/83	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/16/83-09/16/83	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/16/83-09/16/83	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/16/83-09/16/83	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/83-09/16/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/16/83-09/16/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/16/83-09/16/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/16/83-09/16/83	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/16/83-09/16/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/16/83-09/16/83	1	50.	50.	50.	50.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/83-09/16/83	1	6.	6.	6.	6.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/16/83-09/16/83	1	0.778	0.778	0.778	0.778	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			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: YOSE0050

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

& - 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: YOSE0050

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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									
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0051

NPS Station ID: YOSE0051
LAT/LON: 37.734170/-119.507504
Agency: 112WRD
Date Created: 03/04/77
Location: MERCED R AB SUNRISE C CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374403119302700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 18040008000600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/76-08/12/77	2	11.	11.	17.	5.	72.	8.485	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/12/76-08/12/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/12/76-08/12/77	2	31.	31.	33.	29.	8.	2.828	**	**	**	**
00400	PH (STANDARD UNITS)	11/12/76-08/12/77	2	6.4	6.4	6.6	6.2	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/12/76-08/12/77	2	6.355	6.355	6.6	6.2	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/12/76-08/12/77	2	0.441	0.441	0.631	0.251	0.072	0.269	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	11/12/76-08/12/77	2	4.15	4.15	7.1	1.2	17.405	4.172	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/12/76-08/12/77	2	4.	4.	6.	2.	8.	2.828	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/12/76-08/12/77	2	5.	5.	7.	3.	8.	2.828	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/12/76-08/12/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/12/76-08/12/77	2	0.07	0.07	0.12	0.02	0.005	0.071	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/12/76-08/12/77	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/12/76-08/12/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/12/76-08/12/77	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/12/76-08/12/77	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/12/76-08/12/77	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/12/76-08/12/77	2	0.045	0.045	0.09	0.	0.004	0.064	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/12/76-08/12/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/12/76-08/12/77	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/12/76-08/12/77	2	9.	9.	10.	8.	2.	1.414	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/12/76-08/12/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/12/76-08/12/77	2	3.15	3.15	3.7	2.6	0.605	0.778	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/12/76-08/12/77	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/12/76-08/12/77	2	2.4	2.4	2.5	2.3	0.02	0.141	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/12/76-08/12/77	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	11/12/76-08/12/77	2	35.5	35.5	38.	33.	12.5	3.536	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/12/76-08/12/77	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/12/76-08/12/77	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/12/76-08/12/77	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/12/76-08/12/77	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/12/76-08/12/77	2	3.35	3.35	5.8	0.9	12.005	3.465	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/12/76-08/12/77	2	19.5	19.5	25.	14.	60.5	7.778	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/12/76-08/12/77	2	18.5	18.5	19.	18.	0.5	0.707	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/12/76-08/12/77	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/12/76-08/12/77	2	0.3	0.3	0.5	0.1	0.08	0.283	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0051

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00				1	0	0.00				1	0	0.00
00400	PH	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00				1	0	0.00
		Other-Lo Lim.	6.5	2	1	0.50				1	0	0.00				1	1	1.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00				1	0	0.00				1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	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

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

Station Inventory for Station: YOSE0052

NPS Station ID: YOSE0052 LAT/LON: 37.735559/-119.412503 Agency: 112WRD Date Created: 03/17/77
Location: MERCED LK AB ECHO C NR YOSEMITE VALLEY CA FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 374408119244500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040008 RF1 Mile Point: 0.000 Distance from RF1: 2.60 On/Off RF1:
RF3 Index: 18040008003102.76 RF3 Mile Point: 3.57 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/11/76-08/11/77	37	8.5	11.057	20.	7.5	19.18	4.379	8.	8.4	14.5	19.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/11/76-08/11/77	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/11/77-08/11/77	1	11.3	11.3	11.3	11.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/11/76-08/11/77	37	19.	20.486	31.	14.	28.368	5.326	14.8	19.	19.	31.
00300	OXYGEN, DISSOLVED MG/L	11/11/76-08/11/77	37	7.4	6.876	8.4	0.	3.655	1.912	4.4	7.2	7.7	8.16
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/11/76-08/11/77	37	81.	80.649	113.	0.	631.79	25.135	47.8	80.	101.	105.8
00400	PH (STANDARD UNITS)	11/11/76-08/11/77	37	6.4	6.525	7.2	5.6	0.188	0.434	5.86	6.4	6.95	7.2
00400	CONVERTED PH (STANDARD UNITS)	11/11/76-08/11/77	37	6.4	6.311	7.2	5.6	0.235	0.485	5.86	6.4	6.95	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/11/76-08/11/77	37	0.398	0.489	2.512	0.063	0.361	0.601	0.063	0.113	0.398	1.406
00405	CARBON DIOXIDE (MG/L AS CO2)	11/11/76-08/11/77	2	2.55	2.55	4.5	0.6	7.605	2.758	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/11/76-08/11/77	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/11/76-08/11/77	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/11/76-08/11/77	2	0.06	0.06	0.08	0.04	0.001	0.028	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/11/76-08/11/77	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/11/76-11/11/76	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/11/76-08/11/77	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/11/76-08/11/77	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/11/76-08/11/77	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/11/76-08/11/77	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/11/76-08/11/77	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/11/76-08/11/77	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/11/76-08/11/77	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/11/76-08/11/77	2	3.15	3.15	3.4	2.9	0.125	0.354	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/11/76-08/11/77	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/11/76-08/11/77	2	2.3	2.3	2.5	2.1	0.08	0.283	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/11/76-08/11/77	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	11/11/76-08/11/77	2	36.5	36.5	41.	32.	40.5	6.364	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/11/76-08/11/77	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/11/76-08/11/77	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/11/76-08/11/77	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/11/76-08/11/77	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/11/76-08/11/77	2	1.75	1.75	3.2	0.3	4.205	2.051	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/11/76-08/11/77	2	23.5	23.5	27.	20.	24.5	4.95	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/11/76-08/11/77	2	18.	18.	20.	16.	8.	2.828	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/11/76-08/11/77	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/11/76-08/11/77	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	11/11/76-08/11/77	2	65.5	65.5	69.	62.	24.5	4.95	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00				1	0	0.00				1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	37	3	0.08				22	1	0.05				15	2	0.13
00400	PH	Other-Hi Lim.	9.	37	0	0.00				22	0	0.00				15	0	0.00
		Other-Lo Lim.	6.5	37	26	0.70				22	22	1.00				15	4	0.27
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00				1	0	0.00				1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	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

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

Station Inventory for Station: YOSE0053

NPS Station ID: YOSE0053
LAT/LON: 37.737504/-119.402781
Agency: 112WRD
Date Created: 02/27/82
Location: MERCED R AB MERCED LK HSC CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374415119241000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.70
On/Off RF1:
RF3 Index: 18040008003000.00
RF3 Mile Point: 0.42
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/81-08/12/82	2	13.	13.	16.	10.	18.	4.243	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/81-08/12/82	2	47.5	47.5	90.	5.	3612.5	60.104	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/81-08/12/82	2	19.5	19.5	32.	7.	312.5	17.678	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/12/82-08/12/82	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/12/82-08/12/82	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/81-08/12/82	2	6.5	6.5	6.7	6.3	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/26/81-08/12/82	2	6.455	6.455	6.7	6.3	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/81-08/12/82	2	0.35	0.35	0.501	0.2	0.045	0.213	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/26/81-08/12/82	2	7.	7.	7.1	6.9	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/26/81-08/12/82	2	6.989	6.989	7.1	6.9	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/81-08/12/82	2	0.103	0.103	0.126	0.079	0.001	0.033	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/81-08/12/82	2	3.2	3.2	4.9	1.5	5.78	2.404	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/81-08/12/82	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/81-08/12/82	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/81-08/12/82	2 ##	0.005	0.005	0.007	0.003	0.	0.003	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/81-08/12/82	2	6.	6.	10.	2.	32.	5.657	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/81-08/12/82	2	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/81-08/12/82	2	1.95	1.95	3.2	0.7	3.125	1.768	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/81-08/12/82	2	0.225	0.225	0.4	0.05	0.061	0.247	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/81-08/12/82	2	1.8	1.8	3.1	0.5	3.38	1.838	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/26/81-08/12/82	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
00932	SODIUM, PERCENT	08/26/81-08/12/82	2	37.	37.	40.	34.	18.	4.243	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/81-08/12/82	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/81-08/12/82	2	3.8	3.8	7.	0.6	20.48	4.525	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/81-08/12/82	2 ##	0.65	0.65	0.8	0.5	0.045	0.212	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/81-08/12/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/81-08/12/82	2	2.35	2.35	2.9	1.8	0.605	0.778	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/26/81-08/12/82	2 ##	22.5	22.5	40.	5.	612.5	24.749	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/81-08/12/82	2	32.5	32.5	53.	12.	840.5	28.991	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/12/82	2	8.	8.	11.	5.	18.	4.243	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/12/82	2	0.87	0.87	1.041	0.699	0.059	0.242	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			7.416								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/12/82-08/12/82	1	7.	7.	7.	7.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/12/82-08/12/82	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/12/82-08/12/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0053

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	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
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0054

NPS Station ID: YOSE0054 LAT/LON: 37.737504/-119.405004 Agency: 112WRD Date Created: 01/11/92
Location: MERCED R BELOW HIGH SIERRA CAMP NR YOSEMITE CA FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 374415119241800
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: 0.30 On/Off RF1:
RF3 Index: 18040008003002.73 RF3 Mile Point: 3.33 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	08/02/91-08/02/91	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/02/91-08/02/91	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/91-08/02/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/02/91-08/02/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/91-08/02/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/91-08/02/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/91-08/02/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/91-08/02/91	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/91-08/02/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/91-08/02/91	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/91-08/02/91	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/91-08/02/91	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/91-08/02/91	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/02/91-08/02/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/02/91-08/02/91	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/02/91-08/02/91	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/02/91-08/02/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/02/91-08/02/91	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/02/91-08/02/91	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: YOSE0054

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
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: YOSE0055

NPS Station ID: YOSE0055
LAT/LON: 37.737504/-119.412503
Agency: 112WRD
Date Created: 02/27/82
Location: MERCED LK CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 374415119244500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 18040008003201.56
RF3 Mile Point: 5.34
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/81-09/16/83	47	12.	12.728	17.9	7.9	7.046	2.655	8.96	11.5	14.4	17.14
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/81-09/16/83	47	9.	10.596	19.	5.	15.463	3.932	6.8	8.	15.	17.
00300	OXYGEN, DISSOLVED MG/L	08/26/81-09/16/83	47	7.7	6.806	8.6	0.6	6.908	2.628	1.16	7.1	8.5	8.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/12/82-08/12/82	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/81-09/16/83	3	6.4	6.333	6.4	6.2	0.013	0.115	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/26/81-09/16/83	3	6.4	6.323	6.4	6.2	0.014	0.116	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/81-09/16/83	3	0.398	0.476	0.631	0.398	0.018	0.134	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/26/81-09/16/83	3	7.	5.233	7.1	1.6	9.903	3.147	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/26/81-09/16/83	3	7.	2.077	7.1	1.6	24.846	4.985	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/81-09/16/83	3	0.1	8373.015	25118.864	0.079210317612.447	14502.331	**	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/81-08/12/82	2	4.8	4.8	7.3	2.3	12.5	3.536	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/81-09/16/83	3	3.	4.	6.	3.	3.	1.732	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/12/82-09/16/83	2	0.04	0.04	0.06	0.02	0.001	0.028	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/16/83-09/16/83	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/81-08/12/82	2	4.	4.	6.	2.	8.	2.828	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/81-08/12/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/81-09/16/83	3	0.7	1.1	1.9	0.7	0.48	0.693	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/81-09/16/83	3	0.2	0.137	0.2	0.01	0.012	0.11	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/81-09/16/83	3	0.5	0.8	1.4	0.5	0.27	0.52	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/26/81-08/12/82	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00932	SODIUM, PERCENT	08/26/81-08/12/82	2	32.	32.	34.	30.	8.	2.828	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/81-09/16/83	3	0.3	0.3	0.5	0.1	0.04	0.2	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/81-09/16/83	3	1.	1.567	3.	0.7	1.563	1.25	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/81-09/16/83	3	0.5	0.6	0.8	0.5	0.03	0.173	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/81-09/16/83	3 ##	0.05	0.033	0.05	0.	0.001	0.029	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/81-09/16/83	3	1.7	1.233	1.8	0.2	0.803	0.896	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/26/81-09/16/83	3 ##	5.	10.	20.	5.	75.	8.66	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/81-09/16/83	3	16.	26.333	54.	9.	586.333	24.214	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-09/16/83	3 ##	0.5	1.	2.	0.5	0.75	0.866	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-09/16/83	3 ##	-0.301	-0.1	0.301	-0.301	0.121	0.348	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.794								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/12/82-08/12/82	1	7.	7.	7.	7.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/12/82-08/12/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/26/81-09/16/83	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/26/81-09/16/83	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	47	8	0.17	1	0	0.00							46	8	0.17
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00							2	0	0.00
		Other-Lo Lim.	6.5	3	3	1.00	1	1	1.00							2	2	1.00
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	1	0.33	1	1	1.00							2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0056

NPS Station ID: YOSE0056 LAT/LON: 37.738337/-119.403060 Agency: 112WRD Date Created: 01/11/92
Location: MERCED R ABOVE HIGH SIERRA CAMP NR YOSEMITE CA FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 374418119241100
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: 1.00 On/Off RF1:
RF3 Index: 18040008003201.56 RF3 Mile Point: 6.20 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	08/02/91-08/02/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/02/91-08/02/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/91-08/02/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/02/91-08/02/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/91-08/02/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/91-08/02/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/91-08/02/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/91-08/02/91	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/91-08/02/91	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/91-08/02/91	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/91-08/02/91	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/91-08/02/91	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/91-08/02/91	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/02/91-08/02/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/02/91-08/02/91	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/02/91-08/02/91	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/02/91-08/02/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/02/91-08/02/91	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/02/91-08/02/91	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: YOSE0056

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
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: YOSE0057

NPS Station ID: YOSE0057
LAT/LON: 37.738892/-119.419449
Agency: 112WRD
Date Created: 02/27/82
Location: MERCED R BL MERCED LK HSC CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374420119251000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.70
On/Off RF1:
RF3 Index: 18040008003201.17
RF3 Mile Point: 1.16
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/81-08/12/82	2	16.	16.	19.	13.	18.	4.243	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/81-08/12/82	2	37.	37.	70.	4.	2178.	46.669	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/81-08/12/82	2	11.	11.	16.	6.	50.	7.071	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/12/82-08/12/82	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/12/82-08/12/82	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/81-08/12/82	2	6.35	6.35	6.4	6.3	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/26/81-08/12/82	2	6.347	6.347	6.4	6.3	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/81-08/12/82	2	0.45	0.45	0.501	0.398	0.005	0.073	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/26/81-08/12/82	2	7.05	7.05	7.1	7.	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/26/81-08/12/82	2	7.047	7.047	7.1	7.	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/81-08/12/82	2	0.09	0.09	0.1	0.079	0.	0.015	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/81-08/12/82	2	2.6	2.6	2.9	2.3	0.18	0.424	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/81-08/12/82	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/81-08/12/82	2	0.017	0.017	0.03	0.004	0.	0.018	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/81-08/12/82	2 ##	0.004	0.004	0.006	0.003	0.	0.002	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/81-08/12/82	2	4.	4.	6.	2.	8.	2.828	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/81-08/12/82	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/81-08/12/82	2	1.4	1.4	2.1	0.7	0.98	0.99	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/81-08/12/82	2	0.07	0.07	0.1	0.04	0.002	0.042	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/81-08/12/82	2	0.95	0.95	1.5	0.4	0.605	0.778	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/26/81-08/12/82	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00932	SODIUM, PERCENT	08/26/81-08/12/82	2	32.	32.	35.	29.	18.	4.243	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/81-08/12/82	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/81-08/12/82	2	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/81-08/12/82	2 ##	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/81-08/12/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/81-08/12/82	2	1.85	1.85	1.9	1.8	0.005	0.071	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/26/81-08/12/82	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/81-08/12/82	2	36.5	36.5	60.	13.	1104.5	33.234	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/12/82	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/12/82	2 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/12/82-08/12/82	1	6.	6.	6.	6.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/12/82-08/12/82	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/12/82-08/12/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0057

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	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
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0058

NPS Station ID: YOSE0058
LAT/LON: 37.741392/-119.431393
Agency: 112WRD
Date Created: 01/11/92
Location: CLARK FORK NR YOSEMITE CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374429119255300
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: 0.20
On/Off RF1:
RF3 Index: 18040008003201.56
RF3 Mile Point: 5.05
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	08/02/91-08/02/91	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/02/91-08/02/91	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/91-08/02/91	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/91-08/02/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/91-08/02/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/91-08/02/91	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/91-08/02/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/91-08/02/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/91-08/02/91	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/91-08/02/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/91-08/02/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/02/91-08/02/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/02/91-08/02/91	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/02/91-08/02/91	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/02/91-08/02/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/02/91-08/02/91	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: YOSE0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YOSE0059

NPS Station ID: YOSE0059
Location:
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 18040008
Major Basin:
Minor Basin:
RF1 Index: 18040008
RF3 Index: 18040008003100.00
Description:

LAT/LON: 37.741948/-119.556948
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.60

Agency: 112WRD
FIPS State/County: 06001 CALIFORNIA/ALAMEDA
STORET Station ID(s): 374431119332501
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 1.30
Distance from RF3: 0.02

Date Created: 11/18/75
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: YOSE0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/71-10/18/71	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/18/71-10/18/71	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/71-10/18/71	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	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: YOSE0060

NPS Station ID: YOSE0060
LAT/LON: 37.741948/-119.556948
Agency: 112WRD
Date Created: 08/30/76
Location: TENAYA CR. BL. MIRROR LAKE
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374431119332500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 1.30
On/Off RF1:
RF3 Index: 18040008003100.00
RF3 Mile Point: 0.60
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/72-05/24/72	1	11.	11.	11.	11.	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/24/72-05/24/72	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/24/72-05/24/72	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0060

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	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: YOSE0061

NPS Station ID: YOSE0061 | LAT/LON: 37.750837/-119.734171 | Agency: 112WRD | Date Created: 12/29/77
Location: TAMARACK C AT TAMARACK FLAT CG NR EL PORTAL CA | FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 11266700
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 | Depth of Water: 0 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 18040008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.50 | On/Off RF1:
RF3 Index: 18040008003201.17 | RF3 Mile Point: 1.16 | Distance from RF3: 0.04 | On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/77-09/29/77	2	12.5	12.5	15.	10.	12.5	3.536	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/17/77-09/29/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	08/17/77-09/29/77	2	1.05	1.05	1.2	0.9	0.045	0.212	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/17/77-09/29/77	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/77-09/29/77	2	22.	22.	24.	20.	8.	2.828	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/17/77-09/29/77	2	7.65	7.65	8.2	7.1	0.605	0.778	**	**	**	**
00400	PH (STANDARD UNITS)	08/17/77-09/29/77	3	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/17/77-09/29/77	3	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/77-09/29/77	3	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/77-09/29/77	3	2.5	2.533	2.8	2.3	0.063	0.252	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/77-09/29/77	3	8.	8.667	11.	7.	4.333	2.082	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/17/77-09/29/77	3	10.	10.	11.	9.	1.	1.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/17/77-09/29/77	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/17/77-08/17/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/77-09/29/77	3	5.	6.333	10.	4.	10.333	3.215	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/17/77-09/29/77	3	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/77-09/29/77	3	1.5	2.2	3.7	1.4	1.69	1.3	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/77-09/29/77	3	0.1	0.117	0.2	0.05	0.006	0.076	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/77-09/29/77	3	2.	1.967	2.	1.9	0.003	0.058	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/17/77-09/29/77	3	0.4	0.4	0.5	0.3	0.01	0.1	**	**	**	**
00932	SODIUM, PERCENT	08/17/77-09/29/77	3	46.	42.333	52.	29.	142.333	11.93	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/77-09/29/77	3	0.5	0.467	0.5	0.4	0.003	0.058	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/77-09/29/77	3	0.4	0.433	0.7	0.2	0.063	0.252	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/77-09/29/77	3	1.	1.967	4.	0.9	3.103	1.762	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/17/77-09/29/77	3 ##	0.05	0.067	0.1	0.05	0.001	0.029	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/77-09/29/77	3	11.	11.333	12.	11.	0.333	0.577	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-09/29/77	3	15.	14.667	18.	11.	12.333	3.512	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/77-09/29/77	3	24.	23.667	25.	22.	2.333	1.528	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/77-09/29/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/77-09/29/77	3	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 time series plot

EPA Water Quality Criteria Analysis for Station: YOSE0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	0	0.00	2	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	0	0.00	1	0	0.00							1	0	0.00
00400	PH	Other-Hi Lim.	9.	3	0	0.00	2	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00							1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00							1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00	2	0	0.00							1	0	0.00

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

Station Inventory for Station: YOSE0062

NPS Station ID: YOSE0062 LAT/LON: 37.759448/-119.531116 Agency: 112WRD Date Created: 02/27/82
Location: TENAYA CREEK NR HALF DOME AB MIRROR LAKE CA FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 374534119315200
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040008 RF1 Mile Point: 0.000 Distance from RF1: 0.60 On/Off RF1:
RF3 Index: 18040008003200.15 RF3 Mile Point: 0.14 Distance from RF3: 0.07 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/81-08/16/82	2	14.9	14.9	15.5	14.3	0.72	0.849	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/19/81-08/16/82	2	6.5	6.5	12.	1.	60.5	7.778	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/81-08/16/82	2	19.5	19.5	22.	17.	12.5	3.536	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/19/81-08/16/82	2	7.2	7.2	8.2	6.2	2.	1.414	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/16/82-08/16/82	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/19/81-08/16/82	2	6.25	6.25	6.8	5.7	0.605	0.778	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/19/81-08/16/82	2	5.968	5.968	6.8	5.7	0.764	0.874	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/81-08/16/82	2	1.077	1.077	1.995	0.158	1.687	1.299	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/19/81-08/16/82	2	6.9	6.9	7.3	6.5	0.32	0.566	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/19/81-08/16/82	2	6.737	6.737	7.3	6.5	0.373	0.611	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/81-08/16/82	2	0.183	0.183	0.316	0.05	0.035	0.188	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/19/81-08/16/82	2	14.75	14.75	27.	2.5	300.125	17.324	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/81-08/16/82	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/19/81-08/16/82	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/19/81-08/16/82	2 ##	0.004	0.004	0.005	0.003	0.	0.002	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/81-08/16/82	2	8.	8.	9.	7.	2.	1.414	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/81-08/16/82	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/81-08/16/82	2	2.9	2.9	3.4	2.4	0.5	0.707	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/81-08/16/82	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/81-08/16/82	2	1.7	1.7	2.	1.4	0.18	0.424	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/19/81-08/16/82	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	08/19/81-08/16/82	2	30.	30.	30.	30.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/81-08/16/82	2	0.5	0.5	0.6	0.4	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/81-08/16/82	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/81-08/16/82	2 ##	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/81-08/16/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/81-08/16/82	2	7.	7.	7.4	6.6	0.32	0.566	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/19/81-08/16/82	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/19/81-08/16/82	2	129.	129.	210.	48.	13122.	114.551	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/19/81-08/19/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/19/81-08/19/81	1	1.301	1.301	1.301	1.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			20.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/16/82-08/16/82	1	18.	18.	18.	18.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/16/82-08/16/82	1	0.58	0.58	0.58	0.58	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/16/82-08/16/82	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 time series plot

EPA Water Quality Criteria Analysis for Station: YOSE0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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	1	0.50										2	1	0.50
00403	PH, LAB	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
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0063

NPS Station ID: YOSE0063
LAT/LON: 37.767503/-119.415282
Agency: 112WRD
Date Created: 01/11/92
Location: ECHO CR NR YOSEMITE CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374603119245500
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: 0.90
On/Off RF1:
RF3 Index: 18040008037300.00
RF3 Mile Point: 0.10
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	08/02/91-08/02/91	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/02/91-08/02/91	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/91-08/02/91	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/91-08/02/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/91-08/02/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/91-08/02/91	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/91-08/02/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/91-08/02/91	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/91-08/02/91	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/91-08/02/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/91-08/02/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/02/91-08/02/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/02/91-08/02/91	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/02/91-08/02/91	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/02/91-08/02/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/02/91-08/02/91	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: YOSE0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YOSE0064

NPS Station ID: YOSE0064
LAT/LON: 37.783892/-119.417227
Agency: 112WRD
Date Created: 01/11/92
Location: CATHEDRAL FORK NR YOSEMITE CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374702119250200
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: 0.40
On/Off RF1:
RF3 Index: 18040008003501.50
RF3 Mile Point: 1.63
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	08/02/91-08/02/91	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/02/91-08/02/91	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/91-08/02/91	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/91-08/02/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/91-08/02/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/91-08/02/91	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/91-08/02/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/91-08/02/91	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/91-08/02/91	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/91-08/02/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/91-08/02/91	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/02/91-08/02/91	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/02/91-08/02/91	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/02/91-08/02/91	1	82.	82.	82.	82.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/02/91-08/02/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/02/91-08/02/91	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: YOSE0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YOSE0065

NPS Station ID: YOSE0065
LAT/LON: 37.786670/-119.343060
Agency: 12WLS1
Date Created: 09/03/88
Location: VOGELSANG LAKE
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4A1-059
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 29
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 18040008021700.00
RF3 Mile Point: 1.82
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/85-09/24/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/85-09/24/85	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/24/85-09/24/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/85-09/24/85	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/24/85-09/24/85	1	0.125	0.125	0.125	0.125	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/24/85-09/24/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/85-09/24/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/85-09/24/85	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/24/85-09/24/85	1	47.2	47.2	47.2	47.2	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/24/85-09/24/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/85-09/24/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/24/85-09/24/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/24/85-09/24/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/85-09/24/85	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/85-09/24/85	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/85-09/24/85	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/24/85-09/24/85	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/85-09/24/85	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/85-09/24/85	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/85-09/24/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-09/24/85	1	29.	29.	29.	29.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/24/85-09/24/85	1	0.091	0.091	0.091	0.091	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/24/85-09/24/85	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/24/85-09/24/85	1	15.	15.	15.	15.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/24/85-09/24/85	1	10347.3	10347.3	10347.3	10347.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0065

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	400.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: YOSE0065

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: YOSE0066

NPS Station ID: YOSE0066 LAT/LON: 37.790837/-119.350003 Agency: 112WRD Date Created: 02/27/82
Location: FLETCHER C BL VOGELSANG HIGH SIERRA CAMP CA FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 374727119210000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040008 RF1 Mile Point: 0.000 Distance from RF1: 0.80 On/Off RF1:
RF3 Index: 18040008003602.62 RF3 Mile Point: 2.87 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/81-08/10/82	2	10.5	10.5	13.	8.	12.5	3.536	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/81-08/10/82	2	4.	4.	7.	1.	18.	4.243	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/81-08/10/82	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/10/82-08/10/82	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/82-08/10/82	1	101.	101.	101.	101.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/81-08/10/82	2	6.15	6.15	6.4	5.9	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/26/81-08/10/82	2	6.082	6.082	6.4	5.9	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/81-08/10/82	2	0.829	0.829	1.259	0.398	0.371	0.609	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/26/81-08/10/82	2	7.45	7.45	8.1	6.8	0.845	0.919	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/26/81-08/10/82	2	7.08	7.08	8.1	6.8	1.119	1.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/81-08/10/82	2	0.083	0.083	0.158	0.008	0.011	0.106	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/81-08/10/82	2	3.6	3.6	4.9	2.3	3.38	1.838	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/81-08/10/82	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/10/82-08/10/82	1	0.028	0.028	0.028	0.028	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/81-08/10/82	2	0.029	0.029	0.05	0.007	0.001	0.03	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/81-08/10/82	2 ##	0.005	0.005	0.008	0.003	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/81-08/10/82	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/81-08/10/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/81-08/10/82	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/81-08/10/82	2	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/81-08/10/82	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/26/81-08/10/82	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	08/26/81-08/10/82	2	24.	24.	24.	24.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/81-08/10/82	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/81-08/10/82	2 ##	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/81-08/10/82	2 ##	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/81-08/10/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/81-08/10/82	2	2.05	2.05	2.2	1.9	0.045	0.212	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/26/81-08/10/82	2 ##	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/81-08/10/82	2	11.5	11.5	14.	9.	12.5	3.536	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/10/82	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/10/82	2 ##	-0.151	-0.151	0.	-0.301	0.045	0.213	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.707								
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/10/82-08/10/82	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: YOSE0066

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	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
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0067

NPS Station ID: YOSE0067
LAT/LON: 37.794448/-119.427226
Agency: 112WRD
Date Created: 11/06/82
Location: LONG MDW C TRIB NR SUNRISE HSC CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374740119253800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 1.20
On/Off RF1:
RF3 Index: 18040008045400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/82-08/10/82	1	18.5	18.5	18.5	18.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/10/82-08/10/82	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/82-08/10/82	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/10/82-08/10/82	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/82-08/10/82	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/10/82-08/10/82	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/10/82-08/10/82	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/82-08/10/82	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/10/82-08/10/82	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/10/82-08/10/82	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/82-08/10/82	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/10/82-08/10/82	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/10/82-08/10/82	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/10/82-08/10/82	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/10/82-08/10/82	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/10/82-08/10/82	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/10/82-08/10/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/10/82-08/10/82	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/10/82-08/10/82	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/10/82-08/10/82	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/10/82-08/10/82	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/10/82-08/10/82	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/10/82-08/10/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/82-08/10/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/82-08/10/82	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/82-08/10/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/82-08/10/82	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/10/82-08/10/82	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/10/82-08/10/82	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/10/82-08/10/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/10/82-08/10/82	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	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 time series plot

EPA Water Quality Criteria Analysis for Station: YOSE0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0068

NPS Station ID: YOSE0068
LAT/LON: 37.796670/-119.341670
Agency: 112WRD
Date Created: 02/27/82
Location: FLETCHER LK (UPPER) CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 374748119203000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 1.10
On/Off RF1:
RF3 Index: 18040008039502.16
RF3 Mile Point: 7.91
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/81-08/26/81	4	10.35	10.35	10.5	10.2	0.017	0.129	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/81-08/26/81	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/26/81-08/26/81	4	7.55	7.55	7.6	7.5	0.003	0.058	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/81-08/26/81	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/26/81-08/26/81	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/81-08/26/81	1	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/26/81-08/26/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/26/81-08/26/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/81-08/26/81	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/81-08/26/81	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/81-08/26/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/81-08/26/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/81-08/26/81	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/81-08/26/81	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/81-08/26/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/81-08/26/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/81-08/26/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/81-08/26/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/26/81-08/26/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/26/81-08/26/81	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/81-08/26/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/81-08/26/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/81-08/26/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/81-08/26/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/81-08/26/81	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/26/81-08/26/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/81-08/26/81	1	18.	18.	18.	18.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/26/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/26/81	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/26/81-08/26/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/26/81-08/26/81	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: YOSE0068

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	4	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
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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0069

NPS Station ID: YOSE0069
LAT/LON: 37.796949/-119.340281
Agency: 112WRD
Date Created: 02/27/82
Location: FLETCHER C AB FLETCHER LAKE CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374749119202500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 18040008039505.40
RF3 Mile Point: 5.40
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/81-08/10/82	2	8.	8.	10.	6.	8.	2.828	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/26/81-08/10/82	2	5.5	5.5	9.	2.	24.5	4.95	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/81-08/10/82	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/10/82-08/10/82	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/82-08/10/82	1	103.	103.	103.	103.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/81-08/10/82	2	6.3	6.3	6.7	5.9	0.32	0.566	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/26/81-08/10/82	2	6.137	6.137	6.7	5.9	0.373	0.611	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/81-08/10/82	2	0.729	0.729	1.259	0.2	0.561	0.749	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/26/81-08/10/82	2	7.3	7.3	7.8	6.8	0.5	0.707	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/26/81-08/10/82	2	7.06	7.06	7.8	6.8	0.616	0.785	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/81-08/10/82	2	0.087	0.087	0.158	0.016	0.01	0.101	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/81-08/10/82	2	3.05	3.05	4.9	1.2	6.845	2.616	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/81-08/10/82	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/10/82-08/10/82	1	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/81-08/10/82	2	0.04	0.04	0.06	0.02	0.001	0.028	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/81-08/10/82	2 ##	0.006	0.006	0.009	0.003	0.	0.005	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/81-08/10/82	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/81-08/10/82	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/81-08/10/82	2	1.	1.	1.1	0.9	0.02	0.141	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/81-08/10/82	2	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/81-08/10/82	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/26/81-08/10/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/26/81-08/10/82	2	19.5	19.5	21.	18.	4.5	2.121	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/81-08/10/82	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/81-08/10/82	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/81-08/10/82	2 ##	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/81-08/10/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/81-08/10/82	2	2.15	2.15	2.3	2.	0.045	0.212	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/26/81-08/10/82	2 ##	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/81-08/10/82	2 ##	7.25	7.25	13.	1.5	66.125	8.132	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/10/82	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/10/82	2 ##	0.	0.	0.301	-0.301	0.181	0.426	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.								
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/10/82-08/10/82	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: YOSE0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	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
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0070

NPS Station ID: YOSE0070
LAT/LON: 37.803615/-119.451115
Agency: 112WRD
Date Created: 01/11/86
Location: UPPER SUNRISE LAKE
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 374813119270401
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 3.00
On/Off RF1:
RF3 Index: 18040008006200.00
RF3 Mile Point: 0.33
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/83-09/15/83	1	15.9	15.9	15.9	15.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/83-09/15/83	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/15/83-09/15/83	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/83-09/15/83	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/83-09/15/83	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/83-09/15/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/15/83-09/15/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/15/83-09/15/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/83-09/15/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/83-09/15/83	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/15/83-09/15/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/83-09/15/83	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/83-09/15/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/83-09/15/83	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/83-09/15/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/83-09/15/83	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/15/83-09/15/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/15/83-09/15/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/15/83-09/15/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/15/83-09/15/83	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/15/83-09/15/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/15/83-09/15/83	1	15.	15.	15.	15.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/15/83-09/15/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/15/83-09/15/83	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/15/83-09/15/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/15/83-09/15/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0070

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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

EPA Water Quality Criteria Analysis for Station: YOSE0070

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
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									
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0071

NPS Station ID: YOSE0071 LAT/LON: 37.808615/-119.857504 Agency: 112WRD Date Created: 02/27/82
Location: SF TUOLUMNE R AT CARLTON GUARD STATION CA FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 374831119512700
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040009 RF1 Mile Point: 0.000 Distance from RF1: 0.80 On/Off RF1:
RF3 Index: 18040009001310.45 RF3 Mile Point: 19.91 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/81-09/13/83	3	16.	16.	16.	16.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/21/81-09/13/83	2	11.5	11.5	20.	3.	144.5	12.021	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/81-09/13/83	3	50.	50.667	64.	38.	169.333	13.013	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/21/81-09/13/83	3	8.5	8.333	8.7	7.8	0.223	0.473	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/12/82-08/12/82	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/21/81-09/13/83	3	7.1	6.867	7.4	6.1	0.463	0.681	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/21/81-09/13/83	3	7.1	6.516	7.4	6.1	0.647	0.805	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/81-09/13/83	3	0.079	0.305	0.794	0.04	0.18	0.425	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/21/81-09/13/83	3	7.6	7.4	7.8	6.8	0.28	0.529	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/21/81-09/13/83	3	7.6	7.177	7.8	6.8	0.354	0.595	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/81-09/13/83	3	0.025	0.066	0.158	0.016	0.006	0.08	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/21/81-08/12/82	2	24.9	24.9	48.	1.8	1067.22	32.668	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/81-09/13/83	3	23.	25.333	31.	22.	24.333	4.933	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/21/81-09/13/83	3	0.009	0.008	0.01	0.005	0.	0.003	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/21/81-09/13/83	3	0.014	0.011	0.016	0.003	0.	0.007	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/81-08/12/82	2	20.	20.	25.	15.	50.	7.071	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/21/81-08/12/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/81-09/13/83	3	5.6	6.333	8.5	4.9	3.643	1.909	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/81-09/13/83	3	0.8	0.8	1.	0.6	0.04	0.2	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/81-09/13/83	3	3.2	3.367	3.9	3.	0.223	0.473	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/21/81-08/12/82	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/21/81-08/12/82	2	26.5	26.5	29.	24.	12.5	3.536	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/81-09/13/83	3	0.9	0.967	1.1	0.9	0.013	0.115	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/81-09/13/83	3	0.6	0.567	0.7	0.4	0.023	0.153	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/81-09/13/83	3	0.9	0.8	1.	0.5	0.07	0.265	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/81-09/13/83	3 ##	0.05	0.033	0.05	0.	0.001	0.029	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/81-09/13/83	3	21.	21.	22.	20.	1.	1.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/21/81-09/13/83	3 ##	5.	4.333	5.	3.	1.333	1.155	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/21/81-09/13/83	3	43.	43.667	46.	42.	4.333	2.082	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/21/81-09/13/83	3	18.	15.	24.	3.	117.	10.817	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/21/81-09/13/83	3	1.255	1.038	1.38	0.477	0.239	0.489	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			10.903								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/12/82-08/12/82	1	46.	46.	46.	46.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/12/82-08/12/82	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/12/82-08/12/82	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0071

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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.	3	0	0.00	1	0	0.00							2	0	0.00
		Other-Lo Lim.	6.5	3	1	0.33	1	0	0.00							2	1	0.50
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00							2	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00							2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00							2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0072

NPS Station ID: YOSE0072
LAT/LON: 37.809726/-119.376393
Agency: 112WRD
Date Created: 02/27/82
Location: NELSON LK CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 374835119223500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.80
On/Off RF1:
RF3 Index: 18040008039505.40
RF3 Mile Point: 5.40
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/81-08/28/81	4	15.2	15.2	15.2	15.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/28/81-08/28/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/21/81-08/28/81	4	6.3	6.325	6.4	6.3	0.003	0.05	**	**	**	**
00400	PH (STANDARD UNITS)	08/28/81-08/28/81	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/28/81-08/28/81	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/81-08/28/81	1	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/28/81-08/28/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/28/81-08/28/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/81-08/28/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/28/81-08/28/81	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/28/81-08/28/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/28/81-08/28/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/28/81-08/28/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/28/81-08/28/81	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/28/81-08/28/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/28/81-08/28/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/28/81-08/28/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/28/81-08/28/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/28/81-08/28/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/28/81-08/28/81	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/28/81-08/28/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/28/81-08/28/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/28/81-08/28/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/28/81-08/28/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/28/81-08/28/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/28/81-08/28/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/28/81-08/28/81	1	26.	26.	26.	26.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/28/81-08/28/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/28/81-08/28/81	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/28/81-08/28/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/28/81-08/28/81	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: YOSE0072

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	4	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
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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0073

NPS Station ID: YOSE0073
LAT/LON: 37.810559/-119.430559
Agency: 112WRD
Date Created: 11/06/82
Location: LONG MDW C AB SUNRISE HSC CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374838119255000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 12.70
On/Off RF1:
RF3 Index: 18040008040400.00
RF3 Mile Point: 2.25
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/82-08/10/82	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/10/82-08/10/82	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/82-08/10/82	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/10/82-08/10/82	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/82-08/10/82	1	104.	104.	104.	104.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/10/82-08/10/82	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/10/82-08/10/82	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/82-08/10/82	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/10/82-08/10/82	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/10/82-08/10/82	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/82-08/10/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/10/82-08/10/82	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/10/82-08/10/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/10/82-08/10/82	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/10/82-08/10/82	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/10/82-08/10/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/10/82-08/10/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/10/82-08/10/82	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/10/82-08/10/82	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/10/82-08/10/82	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/10/82-08/10/82	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/10/82-08/10/82	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/10/82-08/10/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/82-08/10/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/82-08/10/82	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/82-08/10/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/82-08/10/82	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/10/82-08/10/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/10/82-08/10/82	1	43.	43.	43.	43.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/10/82-08/10/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/10/82-08/10/82	1	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			3.								

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

EPA Water Quality Criteria Analysis for Station: YOSE0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0074

NPS Station ID: YOSE0074 LAT/LON: 37.816670/-119.711393 Agency: 112WRD Date Created: 12/29/77
Location: SMOKEY JACK C AT SMOKEY JACK CG NR YOSEMITE VILL FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 11279400
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040009 RF1 Mile Point: 0.000 Distance from RF1: 1.10 On/Off RF1:
RF3 Index: 18040009000900.00 RF3 Mile Point: 2.86 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/77-09/29/77	2	12.	12.	16.	8.	32.	5.657	**	**	**	**
00065	STAGE, STREAM (FEET)	08/17/77-09/29/77	2	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/17/77-09/29/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/77-09/29/77	2	21.	21.	24.	18.	18.	4.243	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/17/77-09/29/77	2	8.95	8.95	9.9	8.	1.805	1.344	**	**	**	**
00400	PH (STANDARD UNITS)	08/17/77-09/29/77	2	6.75	6.75	6.8	6.7	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/17/77-09/29/77	2	6.747	6.747	6.8	6.7	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/77-09/29/77	2	0.179	0.179	0.2	0.158	0.001	0.029	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/77-09/29/77	2	2.75	2.75	3.2	2.3	0.405	0.636	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/77-09/29/77	2	11.5	11.5	13.	10.	4.5	2.121	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/17/77-09/29/77	2	9.5	9.5	10.	9.	0.5	0.707	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/17/77-09/29/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/17/77-08/17/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/77-09/29/77	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/17/77-09/29/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/77-09/29/77	2	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/77-09/29/77	2 ##	0.175	0.175	0.3	0.05	0.031	0.177	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/77-09/29/77	2	2.2	2.2	2.4	2.	0.08	0.283	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/17/77-09/29/77	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/17/77-09/29/77	2	47.	47.	48.	46.	2.	1.414	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/77-09/29/77	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/77-09/29/77	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/77-09/29/77	2	1.3	1.3	2.	0.6	0.98	0.99	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/17/77-09/29/77	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/77-09/29/77	2	11.	11.	11.	11.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/77-09/29/77	2	10.5	10.5	17.	4.	84.5	9.192	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/77-09/29/77	2	21.5	21.5	22.	21.	0.5	0.707	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/77-08/17/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/77-09/29/77	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	0	0.00	1	0	0.00							1	0	0.00
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00							1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00	1	0	0.00							1	0	0.00

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

Station Inventory for Station: YOSE0075

NPS Station ID: YOSE0075
LAT/LON: 37.826115/-119.466948
Agency: 112WRD
Date Created: 11/18/75
Location: TENAYA CR. BL. TENAYA LAKE
FIPS State/County: 06001 CALIFORNIA/ALAMEDA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374934119280100
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.50
On/Off RF1:
RF3 Index: 18040008003600.00
RF3 Mile Point: 1.32
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/72-05/24/72	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/24/72-05/24/72	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/24/72-05/24/72	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	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: YOSE0076

NPS Station ID: YOSE0076 | LAT/LON: 37.826115/-119.466948 | Agency: 112WRD | Date Created: 11/18/75
Location:
FIPS State/County: 06001 CALIFORNIA/ALAMEDA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 374934119280101
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 | Depth of Water: 0 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008 | RF1 Mile Point: 0.000 | Distance from RF1: 0.70 | On/Off RF1:
RF3 Index: 18040008003609.75 | RF3 Mile Point: 10.05 | Distance from RF3: 0.03 | On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/71-10/18/71	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/18/71-10/18/71	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/18/71-10/18/71	1	1.7	1.7	1.7	1.7	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: YOSE0076

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	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: YOSE0077

NPS Station ID: YOSE0077
LAT/LON: 37.831948/-119.459727
Agency: 112WRD
Date Created: 02/27/82
Location: TENAYA LAKE CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 374955119273500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.80
On/Off RF1:
RF3 Index: 18040008003505.44
RF3 Mile Point: 5.44
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/81-08/21/81	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/81-08/21/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/21/81-08/21/81	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/21/81-08/21/81	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/21/81-08/21/81	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/81-08/21/81	1	2.512	2.512	2.512	2.512	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/21/81-08/21/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/21/81-08/21/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/81-08/21/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/21/81-08/21/81	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/81-08/21/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/21/81-08/21/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/21/81-08/21/81	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/81-08/21/81	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/21/81-08/21/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/81-08/21/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/81-08/21/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/81-08/21/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/21/81-08/21/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/21/81-08/21/81	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/81-08/21/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/81-08/21/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/81-08/21/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/81-08/21/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/81-08/21/81	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/21/81-08/21/81	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/21/81-08/21/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/21/81-08/21/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/21/81-08/21/81	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	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 time series plot

EPA Water Quality Criteria Analysis for Station: YOSE0077

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0078

NPS Station ID: YOSE0078 LAT/LON: 37.832226/-119.588615 Agency: 112WRD Date Created: 11/06/82
Location: YOSEMITE CREEK NR YOSEMITE CREEK CAMPGROUND CA FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 374956119351900
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040008 RF1 Mile Point: 0.000 Distance from RF1: 19.00 On/Off RF1:
RF3 Index: 18040008040400.00 RF3 Mile Point: 3.73 Distance from RF3: 0.06 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/82-08/17/82	1	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/17/82-08/17/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/82-08/17/82	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/17/82-08/17/82	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/17/82-08/17/82	1	103.	103.	103.	103.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/17/82-08/17/82	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/17/82-08/17/82	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/82-08/17/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/17/82-08/17/82	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/17/82-08/17/82	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/82-08/17/82	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/82-08/17/82	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/82-08/17/82	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/17/82-08/17/82	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/17/82-08/17/82	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/82-08/17/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/17/82-08/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/82-08/17/82	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/82-08/17/82	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/82-08/17/82	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/17/82-08/17/82	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/17/82-08/17/82	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/82-08/17/82	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/82-08/17/82	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/82-08/17/82	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/17/82-08/17/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/82-08/17/82	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/17/82-08/17/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/17/82-08/17/82	1	17.	17.	17.	17.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/17/82-08/17/82	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/17/82-08/17/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/17/82-08/17/82	1	39.	39.	39.	39.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/17/82-08/17/82	1	1.591	1.591	1.591	1.591	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			39.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/82-08/17/82	1	12.	12.	12.	12.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/17/82-08/17/82	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/82-08/17/82	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 time series plot

EPA Water Quality Criteria Analysis for Station: YOSE0078

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0079

NPS Station ID: YOSE0079
LAT/LON: 37.833338/-119.450005
Agency: 112WRD
Date Created: 11/06/82
Location: TENAYA CREEK AB TENYA LAKE CALIF
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 375000119270000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 1.70
On/Off RF1:
RF3 Index: 18040008003707.79
RF3 Mile Point: 8.52
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/82-08/11/82	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/11/82-08/11/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/11/82-08/11/82	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/11/82-08/11/82	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/11/82-08/11/82	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/11/82-08/11/82	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/11/82-08/11/82	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/82-08/11/82	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/11/82-08/11/82	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/11/82-08/11/82	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/82-08/11/82	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/11/82-08/11/82	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/11/82-08/11/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/82-08/11/82	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/11/82-08/11/82	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/82-08/11/82	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/82-08/11/82	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/11/82-08/11/82	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/11/82-08/11/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/82-08/11/82	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/82-08/11/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/82-08/11/82	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/82-08/11/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/11/82-08/11/82	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/11/82-08/11/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/11/82-08/11/82	1	28.	28.	28.	28.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/11/82-08/11/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/11/82-08/11/82	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	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 time series plot

EPA Water Quality Criteria Analysis for Station: YOSE0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00403	PH, LAB	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
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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0080

NPS Station ID: YOSE0080
LAT/LON: 37.845003/-119.369171
Agency: 112WRD
Date Created: 11/30/85
Location: ELIZABETH LK CA
FIPS State/County: 06019 CALIFORNIA/FRESNO
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 375042119220901
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 18040009044000.00
RF3 Mile Point: 1.63
Distance from RF3: 0.30
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/83-09/15/83	1	13.2	13.2	13.2	13.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/83-09/15/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/15/83-09/15/83	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/83-09/15/83	2	5.65	5.65	6.4	4.9	1.125	1.061	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/83-09/15/83	2	5.188	5.188	6.4	4.9	1.553	1.246	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/83-09/15/83	2	6.494	6.494	12.589	0.398	74.312	8.62	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/15/83-09/15/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/15/83-09/15/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/83-09/15/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/83-09/15/83	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/15/83-09/15/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/83-09/15/83	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/83-09/15/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/83-09/15/83	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/83-09/15/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/83-09/15/83	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/15/83-09/15/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/15/83-09/15/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/15/83-09/15/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/15/83-09/15/83	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/15/83-09/15/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/15/83-09/15/83	1	24.	24.	24.	24.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/15/83-09/15/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/15/83-09/15/83	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/15/83-09/15/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/15/83-09/15/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0080

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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

EPA Water Quality Criteria Analysis for Station: YOSE0080

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
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									
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									
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0081

NPS Station ID: YOSE0081
LAT/LON: 37.845003/-119.422782
Agency: 112WRD
Date Created: 02/27/82
Location: LO CATHEDRAL LK CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 375042119252200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.50
On/Off RF1:
RF3 Index: 18040008003610.60
RF3 Mile Point: 10.94
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/81-09/15/83	19	15.1	12.289	16.4	5.3	19.635	4.431	5.5	7.3	15.9	16.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/81-09/15/83	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/27/81-09/15/83	19	6.9	5.932	7.5	1.	4.339	2.083	1.4	5.6	7.1	7.3
00400	PH (STANDARD UNITS)	08/27/81-09/15/83	2	6.	6.	6.4	5.6	0.32	0.566	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/27/81-09/15/83	2	5.837	5.837	6.4	5.6	0.373	0.611	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/27/81-09/15/83	2	1.455	1.455	2.512	0.398	2.234	1.495	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/27/81-09/15/83	2	6.75	6.75	6.9	6.6	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/27/81-09/15/83	2	6.725	6.725	6.9	6.6	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/27/81-09/15/83	2	0.189	0.189	0.251	0.126	0.008	0.089	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/27/81-08/27/81	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/27/81-09/15/83	2	1.4	1.4	2.	0.8	0.72	0.849	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/15/83-09/15/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/83-09/15/83	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/27/81-08/27/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/27/81-08/27/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/81-09/15/83	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/81-09/15/83	2	0.085	0.085	0.09	0.08	0.	0.007	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/81-09/15/83	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/27/81-08/27/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/27/81-08/27/81	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/81-09/15/83	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/81-09/15/83	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/27/81-09/15/83	2 ##	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/27/81-09/15/83	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/27/81-09/15/83	2	1.1	1.1	1.3	0.9	0.08	0.283	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/27/81-09/15/83	2 ##	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/27/81-09/15/83	2	13.	13.	14.	12.	2.	1.414	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/27/81-09/15/83	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/27/81-09/15/83	2 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/27/81-09/15/83	2	0.3	0.3	0.5	0.1	0.08	0.283	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/27/81-09/15/83	2 ##	0.028	0.028	0.05	0.005	0.001	0.032	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0081

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	19	3	0.16	1	0	0.00							18	3	0.17
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	2	1.00	1	1	1.00							1	1	1.00
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00							1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0082

NPS Station ID: YOSE0082
LAT/LON: 37.845837/-119.245837
Agency: 12WLS1
Date Created: 09/03/88
Location: BINGAMAN LAKE
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4A1-015
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 19
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 9.40
On/Off RF1:
RF3 Index: 18040009007307.07
RF3 Mile Point: 7.07
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/85-09/24/85	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/85-09/24/85	1	5.05	5.05	5.05	5.05	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/24/85-09/24/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/85-09/24/85	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/24/85-09/24/85	1	0.189	0.189	0.189	0.189	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/24/85-09/24/85	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/85-09/24/85	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/85-09/24/85	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/24/85-09/24/85	1	68.8	68.8	68.8	68.8	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/24/85-09/24/85	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/85-09/24/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/24/85-09/24/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/24/85-09/24/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/85-09/24/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/85-09/24/85	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/85-09/24/85	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/24/85-09/24/85	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/85-09/24/85	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/85-09/24/85	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/85-09/24/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-09/24/85	1	4.	4.	4.	4.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/24/85-09/24/85	1	0.052	0.052	0.052	0.052	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/24/85-09/24/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/24/85-09/24/85	1	12.	12.	12.	12.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/24/85-09/24/85	1	11166.8	11166.8	11166.8	11166.8	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: YOSE0082

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	400.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: YOSE0082

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: YOSE0083

NPS Station ID: YOSE0083
LAT/LON: 37.845837/-119.491392
Agency: 112WRD
Date Created: 02/27/82
Location: MAY LK CA
FIPS State/County: 06043 CALIFORNIA/MARIPOSA
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 375045119292900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040008
RF1 Mile Point: 0.000
Distance from RF1: 0.30
On/Off RF1:
RF3 Index: 18040008041201.13
RF3 Mile Point: 1.12
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/81-08/26/81	9	15.	14.1	15.	12.	1.84	1.356	12.	12.45	15.	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/81-08/26/81	9	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00300	OXYGEN, DISSOLVED MG/L	08/26/81-08/26/81	8	6.4	6.725	8.	6.3	0.454	0.673	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/81-08/26/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/26/81-08/26/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/81-08/26/81	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/26/81-08/26/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/26/81-08/26/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/81-08/26/81	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/81-08/26/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/81-08/26/81	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/81-08/26/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/81-08/26/81	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/81-08/26/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/81-08/26/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/81-08/26/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/81-08/26/81	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/81-08/26/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/26/81-08/26/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/26/81-08/26/81	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/81-08/26/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/81-08/26/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/81-08/26/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/81-08/26/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/81-08/26/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/26/81-08/26/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/81-08/26/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/26/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/26/81-08/26/81	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	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 time series plot

EPA Water Quality Criteria Analysis for Station: YOSE0083

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	8	0	0.00										8	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0084

NPS Station ID: YOSE0084
LAT/LON: 37.859449/-119.614726
Agency: 112WRD
Date Created: 01/25/86
Location: LUKENS LK CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 375134119365301
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: 0.90
On/Off RF1:
RF3 Index: 18040009002708.34
RF3 Mile Point: 8.34
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/83-09/15/83	1	18.6	18.6	18.6	18.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/83-09/15/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/15/83-09/15/83	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/83-09/15/83	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/83-09/15/83	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/83-09/15/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/15/83-09/15/83	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/15/83-09/15/83	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/83-09/15/83	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/83-09/15/83	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/15/83-09/15/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/83-09/15/83	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/83-09/15/83	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/83-09/15/83	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/83-09/15/83	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/83-09/15/83	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/15/83-09/15/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/15/83-09/15/83	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/15/83-09/15/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/15/83-09/15/83	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/15/83-09/15/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/15/83-09/15/83	1	29.	29.	29.	29.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/15/83-09/15/83	1	27.	27.	27.	27.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/15/83-09/15/83	1	1.431	1.431	1.431	1.431	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			27.								
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/15/83-09/15/83	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/15/83-09/15/83	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: YOSE0084

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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

EPA Water Quality Criteria Analysis for Station: YOSE0084

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0085

NPS Station ID: YOSE0085
LAT/LON: 37.869448/-119.328337
Agency: 112WRD
Date Created: 02/27/82
Location: LYELL FORK IN TUOLUMNE MEADOWS CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 375210119194200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 1.30
On/Off RF1:
RF3 Index: 18040009000910.96
RF3 Mile Point: 17.49
Distance from RF3: 0.15
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/81-08/11/82	2	14.25	14.25	17.5	11.	21.125	4.596	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/81-08/11/82	2	56.	56.	90.	22.	2312.	48.083	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/81-08/11/82	2	16.	16.	22.	10.	72.	8.485	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/81-08/11/82	2	7.95	7.95	8.5	7.4	0.605	0.778	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/11/82-08/11/82	1	104.	104.	104.	104.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/20/81-08/11/82	2	6.2	6.2	6.8	5.6	0.72	0.849	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/20/81-08/11/82	2	5.874	5.874	6.8	5.6	0.932	0.965	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/81-08/11/82	2	1.335	1.335	2.512	0.158	2.769	1.664	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/20/81-08/11/82	2	7.	7.	7.1	6.9	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/81-08/11/82	2	6.989	6.989	7.1	6.9	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/81-08/11/82	2	0.103	0.103	0.126	0.079	0.001	0.033	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/20/81-08/20/81	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/81-08/11/82	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/20/81-08/11/82	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/20/81-08/11/82	2 ##	0.004	0.004	0.006	0.003	0.	0.002	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/81-08/11/82	2	6.	6.	9.	3.	18.	4.243	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/20/81-08/11/82	2	2.	2.	4.	0.	8.	2.828	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/81-08/11/82	2	1.9	1.9	3.	0.8	2.42	1.556	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/81-08/11/82	2	0.25	0.25	0.4	0.1	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/81-08/11/82	2	1.4	1.4	1.9	0.9	0.5	0.707	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/20/81-08/11/82	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/20/81-08/11/82	2	35.5	35.5	41.	30.	60.5	7.778	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/81-08/11/82	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/81-08/11/82	2	1.45	1.45	2.	0.9	0.605	0.778	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/81-08/11/82	2 ##	0.65	0.65	0.8	0.5	0.045	0.212	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/81-08/11/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/20/81-08/11/82	2	1.95	1.95	2.4	1.5	0.405	0.636	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/20/81-08/11/82	2	20.	20.	30.	10.	200.	14.142	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/20/81-08/11/82	2	24.5	24.5	37.	12.	312.5	17.678	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/20/81-08/11/82	2 ##	3.75	3.75	7.	0.5	21.125	4.596	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/20/81-08/11/82	2 ##	0.272	0.272	0.845	-0.301	0.657	0.81	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.871								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/82-08/11/82	1	9.	9.	9.	9.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/11/82-08/11/82	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/11/82-08/11/82	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: YOSE0085

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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	1	0.50										2	1	0.50
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0086

NPS Station ID: YOSE0086 | LAT/LON: 37.876392/-119.354171 | Agency: 21CAL-1 | Date Created: 05/21/76
Location: TUOLUMNE R A TUOLUMNE MDW | FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): B4185010 /5362602
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009 | Depth of Water: 0 | Aquifer:
Major Basin: SAN JOAQUIN RIVER BASIN | Elevation: 0 | Water Body Id:
Minor Basin: TUOLUMNE RIVER | ECO Region:
RF1 Index: 18040009025 | RF1 Mile Point: 0.700 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 18040009000205.67 | RF3 Mile Point: 5.67 | Distance from RF3: 0.22 | On/Off RF3:
Description:
SURFACE WATER STATION; DATA MANAGER CODE: 8; AREAL CODE: ; BEGINNING OF RECORD: 974 ; ELEVATION: 8590 ;
STATION NAME: TUOLUMNE R A TUOLUMNE MDW ; DWR COUNTY CODE: 55; LATITUDE: 375236; LONGITUDE: 1192118;
CALIFORNIA COORDINATES:

Parameter Inventory for Station: YOSE0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/05/74-10/21/86	34	8.4	8.732	20.	1.	19.3	4.393	2.05	5.5	10.	14.5
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/12/73-07/12/73	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/08/76-10/21/86	20	57.5	264.1	1035.	3.	119935.989	346.318	8.2	23.5	636.	872.8
00065	STAGE, STREAM (FEET)	08/09/77-10/21/86	24	1.705	2.661	5.	1.2	1.948	1.396	1.28	1.423	3.895	4.635
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/05/74-10/21/86	33	20.	28.424	100.	4.	411.127	20.276	12.	14.5	39.5	54.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/74-10/21/86	30	25.5	29.967	111.	10.	452.447	21.271	11.1	14.	43.	53.
00300	OXYGEN, DISSOLVED MG/L	07/12/73-10/21/86	34	9.2	9.076	11.7	7.2	1.031	1.015	7.45	8.3	9.7	10.3
00310	BOD, 5 DAY, 20 DEG C MG/L	09/11/74-06/09/81	11	0.7	0.682	1.2	0.2	0.106	0.325	0.22	0.4	1.	1.18
00335	COD, .025N K2CR2O7 MG/L	06/04/75-06/09/81	11	1.	1.909	5.	0.	2.291	1.514	0.2	1.	3.	4.8
00400	PH (STANDARD UNITS)	07/12/73-10/21/86	34	7.	7.071	8.2	6.6	0.08	0.282	6.8	6.9	7.2	7.4
00400	CONVERTED PH (STANDARD UNITS)	07/12/73-10/21/86	34	7.	7.006	8.2	6.6	0.084	0.29	6.8	6.9	7.2	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/73-10/21/86	34	0.1	0.099	0.251	0.006	0.002	0.048	0.04	0.063	0.126	0.158
00403	PH, LAB, STANDARD UNITS SU	09/11/74-10/21/86	30	7.05	7.167	8.1	6.5	0.217	0.466	6.6	6.7	7.5	7.89
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/74-10/21/86	30	7.047	6.969	8.1	6.5	0.258	0.508	6.6	6.7	7.5	7.89
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/74-10/21/86	30	0.09	0.107	0.316	0.008	0.008	0.091	0.013	0.032	0.2	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/74-10/10/78	15	7.	6.333	12.	2.	8.667	2.944	2.6	4.	8.	11.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/05/74-06/09/81	11	1.	2.	5.	0.	4.4	2.098	0.	0.	4.	5.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/11/74-09/14/77	3	2.	1.333	2.	0.	1.333	1.155	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	06/06/77-09/14/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/09/79-06/09/82	7	0.	0.001	0.01	0.	0.	0.004	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/77-11/08/78	12	0.005	0.007	0.02	0.	0.	0.008	0.	0.	0.01	0.02
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/12/73-09/14/77	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/12/73-11/08/78	17	0.02	0.021	0.06	0.	0.	0.018	0.	0.01	0.03	0.06
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	04/12/77-11/08/78	12	0.1	0.102	0.2	0.	0.003	0.057	0.006	0.1	0.1	0.2
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/12/73-10/21/86	19	0.02	0.017	0.06	0.	0.	0.016	0.	0.	0.03	0.03
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/12/73-07/27/83	25	0.1	0.113	0.4	0.	0.007	0.082	0.	0.1	0.1	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/73-10/21/86	32	0.01	0.007	0.04	0.	0.	0.009	0.	0.	0.01	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/12/73-10/21/86	30	0.	0.003	0.04	0.	0.	0.008	0.	0.	0.	0.01
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/77-06/09/81	9	1.1	1.122	2.2	0.2	0.384	0.62	0.2	0.65	1.55	2.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/11/74-10/21/86	28	5.	5.607	15.	2.	14.321	3.784	2.	2.	8.	12.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/11/74-10/21/86	28	1.6	1.854	4.7	0.8	0.883	0.94	1.	1.	2.575	3.04

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

Parameter Inventory for Station: YOSE0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/11/74-10/21/86	28	0.05	0.268	1.3	0.	0.144	0.379	0.	0.	0.475	1.
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/11/74-10/21/86	28	2.75	3.175	14.	0.8	7.76	2.786	0.99	1.	4.375	6.11
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/76-07/27/83	22	0.35	0.414	1.1	0.1	0.058	0.242	0.2	0.3	0.5	0.88
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/11/74-06/09/82	21	3.	3.852	21.	0.	23.838	4.882	0.	0.45	6.	8.8
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/11/74-06/09/82	21	1.	1.538	4.	0.	1.711	1.308	0.	0.3	2.65	3.56
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/12/77-06/09/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/12/77-06/09/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01020	BORON, DISSOLVED (UG/L AS B)	09/11/74-06/09/82	21	0.	47.619	200.	0.	4619.048	67.964	0.	0.	100.	180.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/12/77-06/09/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/12/77-06/09/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01040	COPPER, DISSOLVED (UG/L AS CU)	04/12/77-06/09/82	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01046	IRON, DISSOLVED (UG/L AS FE)	04/12/77-06/09/82	10	45.	48.	140.	10.	1573.333	39.665	10.	17.5	65.	134.
01049	LEAD, DISSOLVED (UG/L AS PB)	04/12/77-06/09/82	10	0.	1.	10.	0.	10.	3.162	0.	0.	0.	9.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/12/77-06/09/82	10	0.	5.	20.	0.	72.222	8.498	0.	0.	12.5	20.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/12/77-10/12/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/12/77-06/09/82	10	0.	5.	30.	0.	94.444	9.718	0.	0.	10.	28.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/06/77-06/09/81	8	0.	0.	0.	0.	0.	0.	**	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	08/07/79-10/21/86	15	5.	5.067	11.	2.	6.495	2.549	2.	3.	7.	9.2
39040	S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE WTR-FPD UG/L	07/12/77-09/11/80	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39042	ORG PHOS COMPNONE FOUNDWHOLE WATER SMPL (UG/L)	07/12/77-09/11/80	4	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/11/74-10/21/86	30	20.5	22.2	61.	2.	160.166	12.656	6.3	15.5	25.	41.4
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/08/76-10/09/79	4	0.	0.275	1.1	0.	0.303	0.55	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/09/82-06/09/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/12/77-06/09/81	8	0.	0.05	0.3	0.	0.011	0.107	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0086

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	34	0	0.00	11	0	0.00	3	0	0.00	1	0	0.00	19	0	0.00
00400	PH	Other-Hi Lim.	9.	34	0	0.00	11	0	0.00	3	0	0.00	1	0	0.00	19	0	0.00
		Other-Lo Lim.	6.5	34	0	0.00	11	0	0.00	3	0	0.00	1	0	0.00	19	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	30	0	0.00	11	0	0.00	2	0	0.00	1	0	0.00	16	0	0.00
		Other-Lo Lim.	6.5	30	1	0.03	11	1	0.09	2	0	0.00	1	0	0.00	16	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00	2	0	0.00							3	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	17	0	0.00	6	0	0.00	1	0	0.00	1	0	0.00	9	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	19	0	0.00	6	0	0.00	2	0	0.00				11	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	21	0	0.00	8	0	0.00				1	0	0.00	12	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	21	0	0.00	8	0	0.00				1	0	0.00	12	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	0	0.00	4	0	0.00				1	0	0.00	5	0	0.00
		Drinking Water	50.	10	0	0.00	4	0	0.00				1	0	0.00	5	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	10	0	0.00	4	0	0.00				1	0	0.00	5	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	10	0	0.00	4	0	0.00				1	0	0.00	5	0	0.00
		Drinking Water	5.	10	0	0.00	4	0	0.00				1	0	0.00	5	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	10	0	0.00	4	0	0.00				1	0	0.00	5	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	10	0	0.00	4	0	0.00				1	0	0.00	5	0	0.00
		Drinking Water	1300.	10	0	0.00	4	0	0.00				1	0	0.00	5	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	10	0	0.00	4	0	0.00				1	0	0.00	5	0	0.00
		Drinking Water	5.	10	1	0.10	4	1	0.25				1	0	0.00	5	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	10	1	0.10	4	0	0.00				1	0	0.00	5	1	0.20
		Drinking Water	50.	10	0	0.00	4	0	0.00				1	0	0.00	5	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	4	0	0.00	1	0	0.00							3	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	8	0	0.00	4	0	0.00							4	0	0.00
		Drinking Water	2.	8	0	0.00	4	0	0.00							4	0	0.00

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

Seasonal Analysis for Season #1: 9/01 to 10/15 - Station YOSE0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/08/76-10/21/86	7	14.	111.143	679.	3.	62836.81	250.673	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/12/73-07/27/83	9	0.1	0.133	0.4	0.	0.013	0.112	0.	0.1	0.15	0.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/76-07/27/83	8	0.45	0.5	1.	0.2	0.054	0.233	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/11/74-06/09/82	8	5.	6.438	21.	0.5	39.674	6.299	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/11/74-06/09/82	8	1.65	1.65	4.	0.	2.48	1.575	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/11/74-06/09/82	8	50.	62.5	200.	0.	5535.714	74.402	**	**	**	**

** - Less than 9 observations ## - Computed 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: 10/16 to 3/15 - Station YOSE0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/08/76-10/21/86	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/12/73-07/27/83	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 box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 5/31 - Station YOSE0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/08/76-10/21/86	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/12/73-07/27/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/76-07/27/83	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/11/74-06/09/82	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/11/74-06/09/82	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/11/74-06/09/82	1	200.	200.	200.	200.	0.	0.	**	**	**	**

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

Seasonal Analysis for Season #4: 6/01 to 8/31 - Station YOSE0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/08/76-10/21/86	11	204.	394.091	1035.	22.	148346.491	385.158	28.	52.	745.	1005.4
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/12/73-07/27/83	14	0.1	0.114	0.2	0.	0.003	0.053	0.05	0.1	0.125	0.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/76-07/27/83	13	0.3	0.308	0.6	0.1	0.014	0.119	0.14	0.25	0.35	0.52
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/11/74-06/09/82	12	1.	1.7	7.	0.	5.771	2.402	0.	0.	2.5	6.7
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/11/74-06/09/82	12	1.	1.292	3.4	0.	1.072	1.035	0.	0.65	2.25	3.13
01020	BORON, DISSOLVED (UG/L AS B)	09/11/74-06/09/82	12	0.	25.	100.	0.	2045.455	45.227	0.	0.	75.	100.

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

Station Inventory for Station: YOSE0087

NPS Station ID: YOSE0087
LAT/LON: 37.877781/-119.329449
Agency: 112WRD
Date Created: 02/27/82
Location: DANA FORK NR TUOLUMNE MEADOWS CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 375240119194600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 1.90
On/Off RF1:
RF3 Index: 18040009002400.48
RF3 Mile Point: 1.09
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/81-08/11/82	2	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/21/81-08/11/82	2	17.5	17.5	30.	5.	312.5	17.678	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/81-08/11/82	2	28.5	28.5	43.	14.	420.5	20.506	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/21/81-08/11/82	2	8.5	8.5	8.9	8.1	0.32	0.566	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/11/82-08/11/82	1	104.	104.	104.	104.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/21/81-08/11/82	2	6.35	6.35	7.	5.7	0.845	0.919	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/21/81-08/11/82	2	5.98	5.98	7.	5.7	1.119	1.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/81-08/11/82	2	1.048	1.048	1.995	0.1	1.796	1.34	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/21/81-08/11/82	2	6.85	6.85	7.3	6.4	0.405	0.636	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/21/81-08/11/82	2	6.65	6.65	7.3	6.4	0.485	0.697	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/81-08/11/82	2	0.224	0.224	0.398	0.05	0.061	0.246	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/21/81-08/11/82	2	18.1	18.1	35.	1.2	571.22	23.9	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/81-08/11/82	2	7.5	7.5	9.	6.	4.5	2.121	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/21/81-08/11/82	2	0.039	0.039	0.07	0.008	0.002	0.044	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/21/81-08/11/82	2	0.008	0.008	0.009	0.006	0.	0.002	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/81-08/11/82	2	8.	8.	11.	5.	18.	4.243	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/21/81-08/11/82	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/81-08/11/82	2	2.95	2.95	3.8	2.1	1.445	1.202	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/81-08/11/82	2	0.28	0.28	0.5	0.06	0.097	0.311	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/81-08/11/82	2	2.75	2.75	4.3	1.2	4.805	2.192	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/21/81-08/11/82	2	0.4	0.4	0.6	0.2	0.08	0.283	**	**	**	**
00932	SODIUM, PERCENT	08/21/81-08/11/82	2	37.	37.	44.	30.	98.	9.899	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/81-08/11/82	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/81-08/11/82	2	2.9	2.9	5.	0.8	8.82	2.97	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/81-08/11/82	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/81-08/11/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/81-08/11/82	2	4.75	4.75	5.	4.5	0.125	0.354	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/21/81-08/11/82	2	45.	45.	80.	10.	2450.	49.497	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/21/81-08/11/82	2	11.5	11.5	16.	7.	40.5	6.364	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/21/81-08/11/82	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/21/81-08/11/82	2 ##	-0.151	-0.151	0.	-0.301	0.045	0.213	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.707								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/82-08/11/82	1	15.	15.	15.	15.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/11/82-08/11/82	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/11/82-08/11/82	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 time series plot

EPA Water Quality Criteria Analysis for Station: YOSE0087

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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	1	0.50										2	1	0.50
00403	PH, LAB	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
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0088

NPS Station ID: YOSE0088
LAT/LON: 37.877781/-119.382781
Agency: 112WRD
Date Created: 02/27/82
Location: TUOLUMNE R BL TUOLUMNE MEADOWS CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 375240119225800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 0.30
On/Off RF1:
RF3 Index: 18040009002500.00
RF3 Mile Point: 2.88
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/81-08/10/82	2	8.5	8.5	10.	7.	4.5	2.121	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/23/81-08/10/82	2	82.5	82.5	150.	15.	9112.5	95.459	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/81-08/10/82	2	21.	21.	33.	9.	288.	16.971	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/10/82-08/10/82	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/82-08/10/82	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/81-08/10/82	2	6.6	6.6	6.7	6.5	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/81-08/10/82	2	6.589	6.589	6.7	6.5	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/81-08/10/82	2	0.258	0.258	0.316	0.2	0.007	0.083	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/23/81-08/10/82	2	7.85	7.85	8.2	7.5	0.245	0.495	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/23/81-08/10/82	2	7.722	7.722	8.2	7.5	0.278	0.527	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/81-08/10/82	2	0.019	0.019	0.032	0.006	0.	0.018	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/23/81-08/10/82	2	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/23/81-08/10/82	2	6.5	6.5	8.	5.	4.5	2.121	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/23/81-08/10/82	2	0.055	0.055	0.07	0.04	0.	0.021	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/81-08/10/82	2	0.008	0.008	0.009	0.007	0.	0.001	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/23/81-08/10/82	2	5.	5.	7.	3.	8.	2.828	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/23/81-08/10/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/81-08/10/82	2	1.7	1.7	2.3	1.1	0.72	0.849	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/81-08/10/82	2	0.175	0.175	0.3	0.05	0.031	0.177	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/81-08/10/82	2	2.35	2.35	3.9	0.8	4.805	2.192	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/23/81-08/10/82	2	0.45	0.45	0.7	0.2	0.125	0.354	**	**	**	**
00932	SODIUM, PERCENT	09/23/81-08/10/82	2	43.5	43.5	52.	35.	144.5	12.021	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/81-08/10/82	2	0.4	0.4	0.6	0.2	0.08	0.283	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/81-08/10/82	2	2.3	2.3	4.	0.6	5.78	2.404	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/81-08/10/82	2 ##	1.75	1.75	2.5	1.	1.125	1.061	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/81-08/10/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/81-08/10/82	2	3.2	3.2	3.4	3.	0.08	0.283	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/23/81-08/10/82	2	35.	35.	60.	10.	1250.	35.355	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/23/81-08/10/82	2	24.	24.	34.	14.	200.	14.142	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/23/81-08/10/82	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/23/81-08/10/82	2 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/10/82-08/10/82	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/10/82-08/10/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/10/82-08/10/82	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: YOSE0088

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	1	0.50	1	0	0.00							1	1	1.00
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0089

NPS Station ID: YOSE0089
LAT/LON: 37.883337/-119.656949
Agency: 112WRD
Date Created: 11/06/82
Location: M TUOLUMNE R BL WHITE WOLF CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 375300119392500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 13.60
On/Off RF1:
RF3 Index: 18040009054100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/82-08/11/82	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/11/82-08/11/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/11/82-08/11/82	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/11/82-08/11/82	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/11/82-08/11/82	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/11/82-08/11/82	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/11/82-08/11/82	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/82-08/11/82	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/11/82-08/11/82	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/11/82-08/11/82	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/82-08/11/82	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/11/82-08/11/82	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/11/82-08/11/82	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/11/82-08/11/82	1	0.029	0.029	0.029	0.029	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/82-08/11/82	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/11/82-08/11/82	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/82-08/11/82	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/11/82-08/11/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/82-08/11/82	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/82-08/11/82	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/11/82-08/11/82	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/11/82-08/11/82	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/11/82-08/11/82	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/82-08/11/82	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/82-08/11/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/82-08/11/82	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/82-08/11/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/11/82-08/11/82	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/11/82-08/11/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/11/82-08/11/82	1	54.	54.	54.	54.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/11/82-08/11/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/11/82-08/11/82	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			4.								
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/11/82-08/11/82	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: YOSE0089

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0090

NPS Station ID: YOSE0090
LAT/LON: 37.891115/-119.338615
Agency: 112WRD
Date Created: 01/25/86
Location: DOG LK CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 375328119201901
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: 4.50
On/Off RF1:
RF3 Index: 18040009052500.55
RF3 Mile Point: 0.81
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/83-09/15/83	1	15.9	15.9	15.9	15.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/83-09/15/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/15/83-09/15/83	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/83-09/15/83	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/83-09/15/83	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/83-09/15/83	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/15/83-09/15/83	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/15/83-09/15/83	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/83-09/15/83	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/83-09/15/83	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/15/83-09/15/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/15/83-09/15/83	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/83-09/15/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/83-09/15/83	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/83-09/15/83	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/83-09/15/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/15/83-09/15/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/15/83-09/15/83	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/15/83-09/15/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/15/83-09/15/83	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/15/83-09/15/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/15/83-09/15/83	1	18.	18.	18.	18.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/15/83-09/15/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/15/83-09/15/83	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/15/83-09/15/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/15/83-09/15/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0090

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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

EPA Water Quality Criteria Analysis for Station: YOSE0090

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
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									
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0091

NPS Station ID: YOSE0091
LAT/LON: 37.895281/-119.824170
Agency: 112WRD
Date Created: 02/27/82
Location: HARDEN LK CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 375343119492700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 1.90
On/Off RF1:
RF3 Index: 18040009002306.80
RF3 Mile Point: 7.44
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/81-08/20/81	5	21.3	21.34	22.2	20.8	0.313	0.559	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/81-08/20/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/81-08/20/81	5	5.1	5.1	5.3	4.9	0.025	0.158	**	**	**	**
00400	PH (STANDARD UNITS)	08/20/81-08/20/81	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/20/81-08/20/81	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/81-08/20/81	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/20/81-08/20/81	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/81-08/20/81	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/81-08/20/81	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/20/81-08/20/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/81-08/20/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/20/81-08/20/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/20/81-08/20/81	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/81-08/20/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/20/81-08/20/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/81-08/20/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/81-08/20/81	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/81-08/20/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/20/81-08/20/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/20/81-08/20/81	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/81-08/20/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/81-08/20/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/81-08/20/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/81-08/20/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/20/81-08/20/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/20/81-08/20/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/20/81-08/20/81	1	17.	17.	17.	17.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/20/81-08/20/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/20/81-08/20/81	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/20/81-08/20/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/20/81-08/20/81	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: YOSE0091

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	5	0	0.00										5	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
00403	PH, LAB	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
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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0092

NPS Station ID: YOSE0092
LAT/LON: 37.905560/-119.524170
Agency: 112WRD
Date Created: 02/27/82
Location: TEN LAKE NO 2 CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 375420119312700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 12.00
On/Off RF1:
RF3 Index: 18040009060100.00
RF3 Mile Point: 6.46
Distance from RF3: 0.48
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/81-08/27/81	1	16.7	16.7	16.7	16.7	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/81-08/27/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/27/81-08/27/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/27/81-08/27/81	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/27/81-08/27/81	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/27/81-08/27/81	1	1.585	1.585	1.585	1.585	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/27/81-08/27/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/27/81-08/27/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/27/81-08/27/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/27/81-08/27/81	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/27/81-08/27/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/27/81-08/27/81	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/27/81-08/27/81	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/27/81-08/27/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/27/81-08/27/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/81-08/27/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/81-08/27/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/81-08/27/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/27/81-08/27/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/27/81-08/27/81	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/81-08/27/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/81-08/27/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/27/81-08/27/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/27/81-08/27/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/27/81-08/27/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/27/81-08/27/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/27/81-08/27/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/27/81-08/27/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/27/81-08/27/81	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/27/81-08/27/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	08/27/81-08/27/81	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: YOSE0092

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0093

NPS Station ID: YOSE0093
LAT/LON: 37.909170/-119.285281
Agency: 112WRD
Date Created: 01/11/86
Location: GAYLOR LK CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 375433119170701
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 18040009039500.00
RF3 Mile Point: 1.28
Distance from RF3: 0.48
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/83-09/14/83	1	15.2	15.2	15.2	15.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/83-09/14/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/14/83-09/14/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/14/83-09/14/83	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/14/83-09/14/83	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/83-09/14/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/14/83-09/14/83	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/14/83-09/14/83	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/83-09/14/83	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/14/83-09/14/83	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/14/83-09/14/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/14/83-09/14/83	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/83-09/14/83	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/83-09/14/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/83-09/14/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/83-09/14/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/83-09/14/83	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/83-09/14/83	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/83-09/14/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/83-09/14/83	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/14/83-09/14/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/14/83-09/14/83	1	21.	21.	21.	21.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/14/83-09/14/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/14/83-09/14/83	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0093

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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

EPA Water Quality Criteria Analysis for Station: YOSE0093

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0094

NPS Station ID: YOSE0094
LAT/LON: 37.910559/-119.415559
Agency: 112WRD
Date Created: 02/27/82
Location: CONNESS C BL GLEN AULIN HSC CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 375438119245600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 21.40
On/Off RF1:
RF3 Index: 18040009066301.87
RF3 Mile Point: 1.86
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/81-08/10/82	2	13.75	13.75	20.	7.5	78.125	8.839	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/27/81-08/10/82	2	15.05	15.05	30.	0.1	447.005	21.142	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/81-08/10/82	2	9.	9.	12.	6.	18.	4.243	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/10/82-08/10/82	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/82-08/10/82	1	103.	103.	103.	103.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/27/81-08/10/82	2	6.45	6.45	6.8	6.1	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/27/81-08/10/82	2	6.322	6.322	6.8	6.1	0.278	0.527	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/27/81-08/10/82	2	0.476	0.476	0.794	0.158	0.202	0.45	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/27/81-08/10/82	2	7.05	7.05	7.3	6.8	0.125	0.354	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/27/81-08/10/82	2	6.982	6.982	7.3	6.8	0.134	0.367	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/27/81-08/10/82	2	0.104	0.104	0.158	0.05	0.006	0.077	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/27/81-08/10/82	2	5.2	5.2	9.2	1.2	32.	5.657	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/27/81-08/10/82	2	5.	5.	6.	4.	2.	1.414	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/27/81-08/10/82	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/27/81-08/10/82	2	0.006	0.006	0.007	0.005	0.	0.001	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/27/81-08/10/82	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/27/81-08/10/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/81-08/10/82	2	1.	1.	1.3	0.7	0.18	0.424	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/81-08/10/82	2	0.065	0.065	0.07	0.06	0.	0.007	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/81-08/10/82	2	1.5	1.5	2.2	0.8	0.98	0.99	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/27/81-08/10/82	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
00932	SODIUM, PERCENT	08/27/81-08/10/82	2	48.5	48.5	54.	43.	60.5	7.778	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/81-08/10/82	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/81-08/10/82	2	0.65	0.65	0.9	0.4	0.125	0.354	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/27/81-08/10/82	2 ##	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/27/81-08/10/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/27/81-08/10/82	2	3.55	3.55	4.2	2.9	0.845	0.919	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/27/81-08/10/82	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/27/81-08/10/82	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/27/81-08/10/82	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/27/81-08/10/82	2 ##	0.088	0.088	0.477	-0.301	0.303	0.55	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.225								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/10/82-08/10/82	1	8.	8.	8.	8.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/10/82-08/10/82	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/10/82-08/10/82	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: YOSE0094

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	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
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0095

NPS Station ID: YOSE0095 LAT/LON: 37.910837/-119.423615 Agency: 112WRD Date Created: 02/27/82
Location: TUOLUMNE R NR GLEN AULIN BL CONNESS CREEK CA FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 375439119252500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040009 RF1 Mile Point: 0.000 Distance from RF1: 2.60 On/Off RF1:
RF3 Index: 18040009007300.21 RF3 Mile Point: 0.25 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/81-08/10/82	2	11.5	11.5	15.	8.	24.5	4.95	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/27/81-08/10/82	2	130.	130.	250.	10.	28800.	169.706	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/81-08/10/82	2	15.5	15.5	23.	8.	112.5	10.607	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/10/82-08/10/82	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/82-08/10/82	1	106.	106.	106.	106.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/27/81-08/10/82	2	6.75	6.75	6.9	6.6	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/27/81-08/10/82	2	6.725	6.725	6.9	6.6	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/27/81-08/10/82	2	0.189	0.189	0.251	0.126	0.008	0.089	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/27/81-08/10/82	2	6.95	6.95	7.2	6.7	0.125	0.354	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/27/81-08/10/82	2	6.882	6.882	7.2	6.7	0.134	0.367	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/27/81-08/10/82	2	0.131	0.131	0.2	0.063	0.009	0.096	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/27/81-08/10/82	2	2.3	2.3	3.4	1.2	2.42	1.556	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/27/81-08/10/82	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/27/81-08/10/82	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/27/81-08/10/82	2	0.007	0.007	0.007	0.006	0.	0.001	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/27/81-08/10/82	2	4.5	4.5	7.	2.	12.5	3.536	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/27/81-08/10/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/81-08/10/82	2	1.4	1.4	1.9	0.9	0.5	0.707	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/81-08/10/82	2	0.285	0.285	0.5	0.07	0.092	0.304	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/81-08/10/82	2	2.05	2.05	3.3	0.8	3.125	1.768	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/27/81-08/10/82	2	0.4	0.4	0.6	0.2	0.08	0.283	**	**	**	**
00932	SODIUM, PERCENT	08/27/81-08/10/82	2	44.	44.	49.	39.	50.	7.071	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/81-08/10/82	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/81-08/10/82	2	2.25	2.25	4.	0.5	6.125	2.475	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/27/81-08/10/82	2 ##	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/27/81-08/10/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/27/81-08/10/82	2	2.95	2.95	3.	2.9	0.005	0.071	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/27/81-08/10/82	2 ##	27.5	27.5	50.	5.	1012.5	31.82	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/27/81-08/10/82	2	20.	20.	34.	6.	392.	19.799	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/27/81-08/10/82	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/27/81-08/10/82	2 ##	0.088	0.088	0.477	-0.301	0.303	0.55	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.225								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/10/82-08/10/82	1	9.	9.	9.	9.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/10/82-08/10/82	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/10/82-08/10/82	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: YOSE0095

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	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
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0096

NPS Station ID: YOSE0096 LAT/LON: 37.922226/-119.619448 Agency: 112WRD Date Created: 02/27/82
Location: TUOLUMNE R AB HETCH HETCHY RE BL PIUTE C CA FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 375520119371000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 18040009 RF1 Mile Point: 0.000 Distance from RF1: 0.90 On/Off RF1:
RF3 Index: 18040009002302.41 RF3 Mile Point: 4.48 Distance from RF3: 0.09 On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/81-08/10/82	2	12.75	12.75	13.	12.5	0.125	0.354	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/23/81-09/23/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/81-08/10/82	2	22.5	22.5	36.	9.	364.5	19.092	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/10/82-08/10/82	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/82-08/10/82	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/81-08/10/82	2	6.7	6.7	6.8	6.6	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/81-08/10/82	2	6.689	6.689	6.8	6.6	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/81-08/10/82	2	0.205	0.205	0.251	0.158	0.004	0.066	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/23/81-08/10/82	2	7.2	7.2	7.5	6.9	0.18	0.424	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/23/81-08/10/82	2	7.104	7.104	7.5	6.9	0.199	0.446	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/81-08/10/82	2	0.079	0.079	0.126	0.032	0.004	0.067	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/23/81-08/10/82	2	2.95	2.95	4.4	1.5	4.205	2.051	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/23/81-08/10/82	2	7.	7.	9.	5.	8.	2.828	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/23/81-08/10/82	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/81-08/10/82	2	0.013	0.013	0.015	0.011	0.	0.003	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/23/81-08/10/82	2	6.	6.	8.	4.	8.	2.828	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/23/81-08/10/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/81-08/10/82	2	2.1	2.1	2.7	1.5	0.72	0.849	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/81-08/10/82	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/81-08/10/82	2	2.55	2.55	4.3	0.8	6.125	2.475	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/23/81-08/10/82	2	0.45	0.45	0.7	0.2	0.125	0.354	**	**	**	**
00932	SODIUM, PERCENT	09/23/81-08/10/82	2	39.5	39.5	51.	28.	264.5	16.263	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/81-08/10/82	2	0.55	0.55	0.9	0.2	0.245	0.495	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/81-08/10/82	2	3.25	3.25	6.	0.5	15.125	3.889	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/81-08/10/82	2 ##	1.7	1.7	2.5	0.9	1.28	1.131	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/81-08/10/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/81-08/10/82	2	4.05	4.05	4.9	3.2	1.445	1.202	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/23/81-08/10/82	2 ##	27.5	27.5	50.	5.	1012.5	31.82	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/23/81-08/10/82	2	11.	11.	13.	9.	8.	2.828	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/23/81-08/10/82	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/23/81-08/10/82	2 ##	0.088	0.088	0.477	-0.301	0.303	0.55	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.225								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/10/82-08/10/82	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/10/82-08/10/82	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: YOSE0096

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0097

NPS Station ID: YOSE0097
LAT/LON: 37.936115/-119.345559
Agency: 112WRD
Date Created: 01/25/86
Location: LO YOUNG LK CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 375610119204401
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: 8.50
On/Off RF1:
RF3 Index: 18040009069301.38
RF3 Mile Point: 1.37
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/83-09/14/83	1	12.9	12.9	12.9	12.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/83-09/14/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/14/83-09/14/83	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/14/83-09/14/83	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/14/83-09/14/83	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/83-09/14/83	1	3.981	3.981	3.981	3.981	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/14/83-09/14/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/14/83-09/14/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/83-09/14/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/14/83-09/14/83	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/14/83-09/14/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/14/83-09/14/83	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/83-09/14/83	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/83-09/14/83	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/83-09/14/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/83-09/14/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/83-09/14/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/83-09/14/83	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/83-09/14/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/83-09/14/83	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/14/83-09/14/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/14/83-09/14/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/14/83-09/14/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/14/83-09/14/83	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0097

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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

EPA Water Quality Criteria Analysis for Station: YOSE0097

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
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									
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0098

NPS Station ID: YOSE0098
LAT/LON: 37.937505/-119.797226
Agency: 112WRD
Date Created: 02/27/82
Location: TUOLUMNE R NR HETCH HETCHY CALIF
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11276500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 18040009002308.30
RF3 Mile Point: 8.30
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/81-08/09/82	2	15.5	15.5	18.	13.	12.5	3.536	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/23/81-09/23/81	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/81-08/09/82	2	7.	7.	10.	4.	18.	4.243	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/09/82-08/09/82	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/09/82-08/09/82	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/81-08/09/82	2	6.6	6.6	6.7	6.5	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/81-08/09/82	2	6.589	6.589	6.7	6.5	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/81-08/09/82	2	0.258	0.258	0.316	0.2	0.007	0.083	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/23/81-08/09/82	2	7.4	7.4	8.1	6.7	0.98	0.99	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/23/81-08/09/82	2	6.984	6.984	8.1	6.7	1.326	1.152	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/81-08/09/82	2	0.104	0.104	0.2	0.008	0.018	0.135	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/23/81-08/09/82	2	1.95	1.95	2.4	1.5	0.405	0.636	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/23/81-08/09/82	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/23/81-08/09/82	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/81-08/09/82	2	0.014	0.014	0.016	0.012	0.	0.003	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/23/81-08/09/82	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/23/81-08/09/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/81-08/09/82	2	0.9	0.9	1.	0.8	0.02	0.141	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/81-08/09/82	2	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/81-08/09/82	2	0.7	0.7	0.9	0.5	0.08	0.283	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/23/81-08/09/82	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00932	SODIUM, PERCENT	09/23/81-08/09/82	2	33.5	33.5	39.	28.	60.5	7.778	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/81-08/09/82	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/81-08/09/82	2 ##	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/81-08/09/82	2 ##	1.65	1.65	2.5	0.8	1.445	1.202	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/81-08/09/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/81-08/09/82	2	3.6	3.6	4.2	3.	0.72	0.849	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/23/81-08/09/82	2 ##	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/23/81-08/09/82	2	10.	10.	15.	5.	50.	7.071	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/23/81-08/09/82	2 ##	16.75	16.75	33.	0.5	528.125	22.981	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/23/81-08/09/82	2 ##	0.609	0.609	1.519	-0.301	1.655	1.287	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			4.062								

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

EPA Water Quality Criteria Analysis for Station: YOSE0098

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	1	0.50	1	1	1.00							1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0099

NPS Station ID: YOSE0099
LAT/LON: 37.947781/-119.786949
Agency: 21CAL-1
Date Created: 04/26/86
Location: HETCH HETCHY RES A HETCH HETCHY
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): B4175000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin: CALIFORNIA
Elevation: 0
Water Body Id:
Minor Basin: SAN JOAQUIN RIVER BASIN
ECO Region:
RF1 Index: 18040009015
RF1 Mile Point: 0.310
Distance from RF1: 15.40
On/Off RF1: OFF
RF3 Index: 18040009019900.00
RF3 Mile Point: 6.79
Distance from RF3: 0.00
On/Off RF3:
Description:
HETCH HETCHY RES A HETCH HETCHY

Parameter Inventory for Station: YOSE0099

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: YOSE0100

NPS Station ID: YOSE0100
LAT/LON: 37.948559/-119.780059
Agency: 21CAL-3
Date Created: 11/21/87
Location: 38-001 HETCH HETCHY RESERVOIR-RAW SHORE SAMPLE
FIPS State/County: 06075 CALIFORNIA/SAN FRANCISCO
Station Type: /TYPA/MUN/INTAKE/AMBNT/LAKE
STORET Station ID(s): D38/001-HETCH-R
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin: CALIFORNIA
Elevation: 0
Water Body Id:
Minor Basin: SAN FRANCISCO BAY REGION
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 16.30
On/Off RF1:
RF3 Index: 18040009004801.84
RF3 Mile Point: 4.56
Distance from RF3: 0.04
On/Off RF3:
Description:
DIST 04 SAN FRANCISCO WATER DEPT

Parameter Inventory for Station: YOSE0100

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: YOSE0101

NPS Station ID: YOSE0101
LAT/LON: 37.954726/-119.713615
Agency: 112WRD
Date Created: 02/27/82
Location: RANCHERIA C AB RANCHERIA FALLS CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 375717119424900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 0.30
On/Off RF1:
RF3 Index: 18040009002102.31
RF3 Mile Point: 2.71
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/81-08/09/82	2	14.5	14.5	16.	13.	4.5	2.121	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/23/81-08/09/82	2	40.25	40.25	80.	0.5	3160.125	56.215	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/81-08/09/82	2	11.	11.	20.	2.	162.	12.728	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/09/82-08/09/82	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/09/82-08/09/82	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/81-08/09/82	2	6.4	6.4	6.5	6.3	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/81-08/09/82	2	6.389	6.389	6.5	6.3	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/81-08/09/82	2	0.409	0.409	0.501	0.316	0.017	0.131	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/23/81-08/09/82	2	7.65	7.65	7.9	7.4	0.125	0.354	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/23/81-08/09/82	2	7.582	7.582	7.9	7.4	0.134	0.367	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/81-08/09/82	2	0.026	0.026	0.04	0.013	0.	0.019	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/23/81-08/09/82	2	4.3	4.3	6.8	1.8	12.5	3.536	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/23/81-08/09/82	2	5.	5.	7.	3.	8.	2.828	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/23/81-08/09/82	2	0.055	0.055	0.1	0.01	0.004	0.064	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/81-08/09/82	2	0.013	0.013	0.016	0.01	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/23/81-08/09/82	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/23/81-08/09/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/81-08/09/82	2	1.1	1.1	1.6	0.6	0.5	0.707	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/81-08/09/82	2	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/81-08/09/82	2	1.4	1.4	2.3	0.5	1.62	1.273	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/23/81-08/09/82	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
00932	SODIUM, PERCENT	09/23/81-08/09/82	2	41.	41.	48.	34.	98.	9.899	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/81-08/09/82	2	0.45	0.45	0.6	0.3	0.045	0.212	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/81-08/09/82	2 ##	0.525	0.525	1.	0.05	0.451	0.672	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/81-08/09/82	2 ##	1.55	1.55	2.5	0.6	1.805	1.344	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/81-08/09/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/81-08/09/82	2	3.6	3.6	4.8	2.4	2.88	1.697	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/23/81-08/09/82	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/23/81-08/09/82	2 ##	8.5	8.5	12.	5.	24.5	4.95	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/23/81-08/09/82	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/23/81-08/09/82	2 ##	0.	0.	0.301	-0.301	0.181	0.426	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			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: YOSE0101

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	2	1.00	1	1	1.00							1	1	1.00
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0102

NPS Station ID: YOSE0102
LAT/LON: 37.969448/-119.764448
Agency: 112WRD
Date Created: 11/06/82
Location: FALLS C AB WAPAMA FALLS CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 375810119455200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 0.70
On/Off RF1:
RF3 Index: 18040009001023.52
RF3 Mile Point: 25.42
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/82-08/09/82	1	18.5	18.5	18.5	18.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/09/82-08/09/82	1	105.	105.	105.	105.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/82-08/09/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/09/82-08/09/82	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/09/82-08/09/82	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/09/82-08/09/82	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/09/82-08/09/82	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/82-08/09/82	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/09/82-08/09/82	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/09/82-08/09/82	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/82-08/09/82	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/09/82-08/09/82	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/82-08/09/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/09/82-08/09/82	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/09/82-08/09/82	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/82-08/09/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/09/82-08/09/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/82-08/09/82	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/82-08/09/82	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/82-08/09/82	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/09/82-08/09/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/09/82-08/09/82	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/82-08/09/82	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/09/82-08/09/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/09/82-08/09/82	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/82-08/09/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/82-08/09/82	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/09/82-08/09/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/09/82-08/09/82	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/09/82-08/09/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/09/82-08/09/82	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	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 time series plot

EPA Water Quality Criteria Analysis for Station: YOSE0102

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0103

NPS Station ID: YOSE0103 | LAT/LON: 37.970004/-119.881948 | Agency: 21CAL-1 | Date Created: 01/13/78
Location: ELEANOR C NR HETCH HETCHY | FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): B4162000 /5362603
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009 | Depth of Water: 0 | Aquifer:
Major Basin: CALIFORNIA | Elevation: 0 | Water Body Id:
Minor Basin: SAN JOAQUIN RIVER | ECO Region:
RF1 Index: 18040009 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 18040009003208.11 | RF3 Mile Point: 8.91 | Distance from RF3: 0.09 | On/Off RF3:
Description:
SURFACE WATER STATION; DATA MANAGER CODE: 8; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 4500 ;
STATION NAME: ELEANOR C NR HETCH HETCHY ; DWR COUNTY CODE: 55; LATITUDE: 375812; LONGITUDE: 1195255;
CALIFORNIA COORDINATES:

Parameter Inventory for Station: YOSE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/07/77-09/14/77	2	9.45	9.45	17.	1.9	114.005	10.677	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/07/77-09/14/77	2	2.7	2.7	5.	0.4	10.58	3.253	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/14/77-09/14/77	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/77-09/14/77	2	39.	39.	68.	10.	1682.	41.012	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/07/77-09/14/77	2	8.4	8.4	10.	6.8	5.12	2.263	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/07/77-09/14/77	2	0.7	0.7	1.	0.4	0.18	0.424	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	06/07/77-09/14/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/07/77-09/14/77	2	7.45	7.45	7.8	7.1	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/07/77-09/14/77	2	7.322	7.322	7.8	7.1	0.278	0.527	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/77-09/14/77	2	0.048	0.048	0.079	0.016	0.002	0.045	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/07/77-09/14/77	2	6.95	6.95	7.6	6.3	0.845	0.919	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/07/77-09/14/77	2	6.58	6.58	7.6	6.3	1.119	1.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/77-09/14/77	2	0.263	0.263	0.501	0.025	0.113	0.337	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/07/77-09/14/77	2	12.5	12.5	22.	3.	180.5	13.435	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/07/77-09/14/77	2	2.	2.	4.	0.	8.	2.828	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	06/07/77-09/14/77	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	06/07/77-09/14/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/07/77-09/14/77	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/14/77-09/14/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/07/77-09/14/77	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	06/07/77-09/14/77	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	06/07/77-09/14/77	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/07/77-09/14/77	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/07/77-09/14/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/07/77-09/14/77	2	1.5	1.5	1.8	1.2	0.18	0.424	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/07/77-09/14/77	2	9.5	9.5	16.	3.	84.5	9.192	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/07/77-09/14/77	2	3.	3.	5.1	0.9	8.82	2.97	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/07/77-09/14/77	2	0.5	0.5	0.8	0.2	0.18	0.424	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/07/77-09/14/77	2	3.9	3.9	6.5	1.3	13.52	3.677	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/77-09/14/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/07/77-09/14/77	2	3.	3.	6.	0.	18.	4.243	**	**	**	**

** - Less than 9 observations ## - 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: YOSE0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/07/77-09/14/77	2	0.9	0.9	1.6	0.2	0.98	0.99	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/07/77-09/14/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/07/77-09/14/77	2	34.	34.	55.	13.	882.	29.698	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0103

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	0	0.00	1	0	0.00							1	0	0.00
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	1	0.50	1	0	0.00							1	1	1.00
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.	2	0	0.00	1	0	0.00							1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00							1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	2	0	0.00	1	0	0.00							1	0	0.00

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

Station Inventory for Station: YOSE0104

NPS Station ID: YOSE0104
LAT/LON: 37.970837/-119.333338
Agency: 12WLS1
Date Created: 09/03/88
Location: ROOSEVELT LAKE
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4A1-013
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 49
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 18040009003105.11
RF3 Mile Point: 5.11
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/85-09/24/85	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/85-09/24/85	1	10.45	10.45	10.45	10.45	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/24/85-09/24/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/85-09/24/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/24/85-09/24/85	1	0.203	0.203	0.203	0.203	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/24/85-09/24/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/85-09/24/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/85-09/24/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/24/85-09/24/85	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/24/85-09/24/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/85-09/24/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/24/85-09/24/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/24/85-09/24/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/85-09/24/85	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/85-09/24/85	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/85-09/24/85	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/24/85-09/24/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/85-09/24/85	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/85-09/24/85	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/85-09/24/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-09/24/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/24/85-09/24/85	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/24/85-09/24/85	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/24/85-09/24/85	1	3.	3.	3.	3.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/24/85-09/24/85	1	10190.3	10190.3	10190.3	10190.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0104

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	400.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: YOSE0104

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: YOSE0105

NPS Station ID: YOSE0105
LAT/LON: 37.970837/-119.763338
Agency: 112WRD
Date Created: 07/30/76
Location: FALLS C NR HETCH HETCHY CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11275000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 18040009038401.86
RF3 Mile Point: 1.94
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32230	CHLOROPHYLL A (MG/L)	05/17/76-05/17/76	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
32231	CHLOROPHYLL B (MG/L)	05/17/76-05/17/76	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

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

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

Station Inventory for Station: YOSE0106

NPS Station ID: YOSE0106 | LAT/LON: 37.977226/-119.878337 | Agency: 21CAL-1 | Date Created: 03/03/79
Location: LAKE ELEANOR AB DAM | FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): B4L75869527 /5362506
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009 | Depth of Water: 0 | Aquifer:
Major Basin: CALIFORNIA | Elevation: 0 | Water Body Id:
Minor Basin: SAN JOAQUIN RIVER | ECO Region:
RF1 Index: 18040009 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 18040009003600.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SURFACE WATER STATION; DATA MANAGER CODE: 8; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 4657 ;
STATION NAME: LAKE ELEANOR AB DAM ; DWR COUNTY CODE: 55; LATITUDE: 375838; LONGITUDE: 1195242;
CALIFORNIA COORDINATES:

Parameter Inventory for Station: YOSE0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/14/77-07/14/77	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/14/77-07/14/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/14/77-07/14/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/77-07/14/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/77-07/14/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/77-07/14/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/14/77-07/14/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/14/77-07/14/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/77-07/14/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/14/77-07/14/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/77-07/14/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/77-07/14/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/14/77-07/14/77	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/14/77-07/14/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/14/77-07/14/77	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/14/77-07/14/77	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/14/77-07/14/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/14/77-07/14/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/14/77-07/14/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/14/77-07/14/77	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

EPA Water Quality Criteria Analysis for Station: YOSE0106

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

& - 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: YOSE0106

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YOSE0107

NPS Station ID: YOSE0107 | LAT/LON: 37.982781/-119.908338 | Agency: 21CAL-1 | Date Created: 08/18/78
Location: CHERRY LAKE LOWER MID POINT | | FIPS State/County: 06109 CALIFORNIA/TUOLUMNE |
Station Type: /TYPA/AMBNT/STREAM | | STORET Station ID(s): B4L75909545 /5362504 |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 18040009 | Depth of Water: 0 | Aquifer: |
Major Basin: CALIFORNIA | Elevation: 0 | Water Body Id: |
Minor Basin: SAN JOAQUIN RIVER | | ECO Region: |
RF1 Index: 18040009034 | RF1 Mile Point: 1.470 | Distance from RF1: 11.40 | On/Off RF1: OFF
RF3 Index: 18040009018400.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.09 | On/Off RF3:
Description:
SURFACE WATER STATION; DATA MANAGER CODE: 8; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 4700 ;
STATION NAME: CHERRY LAKE LOWER MID POINT ; DWR COUNTY CODE: 55; LATITUDE: 375858; LONGITUDE: 1195430;
CALIFORNIA COORDINATES:

Parameter Inventory for Station: YOSE0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/14/77-07/14/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/14/77-07/14/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/14/77-07/14/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/77-07/14/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/14/77-07/14/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/76-07/14/77	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/76-07/14/77	3	0.02	0.017	0.02	0.01	0.	0.006	**	**	**	**
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/14/77-07/14/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	07/14/77-07/14/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/25/76-07/14/77	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/25/76-07/14/77	3	0.01	0.007	0.01	0.	0.	0.006	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/77-07/14/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/14/77-07/14/77	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/14/77-07/14/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/14/77-07/14/77	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/14/77-07/14/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/14/77-07/14/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/14/77-07/14/77	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/14/77-07/14/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/14/77-07/14/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

& - 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: YOSE0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00				2	0	0.00				1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YOSE0108

NPS Station ID: YOSE0108
LAT/LON: 37.991670/-119.866671
Agency: 112WRD
Date Created: 02/27/82
Location: KIBBIE C A LK ELEANOR CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 375930119520000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 1.10
On/Off RF1:
RF3 Index: 18040009002900.00
RF3 Mile Point: 0.78
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/81-08/09/82	2	14.25	14.25	16.5	12.	10.125	3.182	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/23/81-08/09/82	2	0.3	0.3	0.5	0.1	0.08	0.283	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/81-08/09/82	2	27.5	27.5	33.	22.	60.5	7.778	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/09/82-08/09/82	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/09/82-08/09/82	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/81-08/09/82	2	7.15	7.15	7.3	7.	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/81-08/09/82	2	7.125	7.125	7.3	7.	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/81-08/09/82	2	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/23/81-08/09/82	2	7.15	7.15	7.5	6.8	0.245	0.495	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/23/81-08/09/82	2	7.022	7.022	7.5	6.8	0.278	0.527	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/81-08/09/82	2	0.095	0.095	0.158	0.032	0.008	0.09	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/23/81-08/09/82	2	2.3	2.3	3.3	1.3	2.	1.414	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/23/81-08/09/82	2	15.	15.	17.	13.	8.	2.828	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/23/81-08/09/82	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/81-08/09/82	2	0.014	0.014	0.016	0.012	0.	0.003	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/23/81-08/09/82	2	7.	7.	8.	6.	2.	1.414	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/23/81-08/09/82	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/81-08/09/82	2	2.3	2.3	2.8	1.8	0.5	0.707	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/81-08/09/82	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/81-08/09/82	2	3.3	3.3	4.	2.6	0.98	0.99	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/23/81-08/09/82	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	09/23/81-08/09/82	2	48.5	48.5	49.	48.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/81-08/09/82	2	0.45	0.45	0.6	0.3	0.045	0.212	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/81-08/09/82	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/81-08/09/82	2 ##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/81-08/09/82	2 ##	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/81-08/09/82	2	19.	19.	22.	16.	18.	4.243	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/23/81-08/09/82	2 ##	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/23/81-08/09/82	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/23/81-08/09/82	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/23/81-08/09/82	2 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/09/82-08/09/82	1	30.	30.	30.	30.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/09/82-08/09/82	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/09/82-08/09/82	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: YOSE0108

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00							1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00							1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0109

NPS Station ID: YOSE0109
LAT/LON: 37.993338/-119.346948
Agency: 112WRD
Date Created: 01/25/86
Location: LO MCCABE LK CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 375936119204901
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: 18040009069501.13
RF3 Mile Point: 1.12
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/83-09/14/83	1	12.4	12.4	12.4	12.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/83-09/14/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/14/83-09/14/83	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/14/83-09/14/83	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/14/83-09/14/83	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/83-09/14/83	1	2.512	2.512	2.512	2.512	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/14/83-09/14/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/14/83-09/14/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/83-09/14/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/14/83-09/14/83	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/14/83-09/14/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/14/83-09/14/83	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/83-09/14/83	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/83-09/14/83	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/83-09/14/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/83-09/14/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/83-09/14/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/83-09/14/83	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/83-09/14/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/83-09/14/83	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/14/83-09/14/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/14/83-09/14/83	1	6.	6.	6.	6.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/14/83-09/14/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/14/83-09/14/83	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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

EPA Water Quality Criteria Analysis for Station: YOSE0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
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									
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0110

NPS Station ID: YOSE0110 | LAT/LON: 37.994448/-119.904170 | Agency: 21CAL-1 | Date Created: 12/03/76
Location: CHERRY LAKE MIDDLE MID POINT | | FIPS State/County: 06109 CALIFORNIA/TUOLUMNE |
Station Type: /TYPA/AMBNT/LAKE | | STORET Station ID(s): B4L75979542 /5362501 |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 18040009 | Depth of Water: 0 | Aquifer: |
Major Basin: SAN JOAQUINE RIVER BASON | Elevation: 0 | Water Body Id: |
Minor Basin: TUOLUMNE RIVER | | ECO Region: |
RF1 Index: 18040009034 | RF1 Mile Point: 2.310 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 18040009060000.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.01 | On/Off RF3:
Description:
SURFACE WATER STATION; DATA MANAGER CODE: 8; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 4700 ;
STATION NAME: CHERRY LAKE MIDDLE MID POINT ; DWR COUNTY CODE: 55; LATITUDE: 375940; LONGITUDE: 1195415;
CALIFORNIA COORDINATES:

Parameter Inventory for Station: YOSE0110

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: YOSE0111

NPS Station ID: YOSE0111
LAT/LON: 37.998337/-119.830559
Agency: 112WRD
Date Created: 11/06/82
Location: ELEANOR C A LK ELEANOR CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 375954119495000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 0.50
On/Off RF1:
RF3 Index: 18040009003100.00
RF3 Mile Point: 0.46
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/82-08/09/82	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/09/82-08/09/82	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/82-08/09/82	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/09/82-08/09/82	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/09/82-08/09/82	1	101.	101.	101.	101.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/09/82-08/09/82	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/09/82-08/09/82	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/82-08/09/82	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/09/82-08/09/82	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/09/82-08/09/82	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/82-08/09/82	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/09/82-08/09/82	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/82-08/09/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/09/82-08/09/82	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/09/82-08/09/82	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/82-08/09/82	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/09/82-08/09/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/82-08/09/82	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/82-08/09/82	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/82-08/09/82	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/09/82-08/09/82	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/09/82-08/09/82	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/82-08/09/82	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/09/82-08/09/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/09/82-08/09/82	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/82-08/09/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/82-08/09/82	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/09/82-08/09/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/09/82-08/09/82	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	08/09/82-08/09/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	08/09/82-08/09/82	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	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 time series plot

EPA Water Quality Criteria Analysis for Station: YOSE0111

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00403	PH, LAB	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
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
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0112

NPS Station ID: YOSE0112 | LAT/LON: 38.004170/-119.897227 | Agency: 21CAL-1 | Date Created: 08/18/78
Location: CHERRY LAKE UPPER MID POINT | FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): B4L80029538 /5362503
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 18040009 | Depth of Water: 0 | Aquifer:
Major Basin: CALIFORNIA | Elevation: 0 | Water Body Id:
Minor Basin: SAN JOAQUIN RIVER | ECO Region:
RF1 Index: 18040009034 | RF1 Mile Point: 3.710 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 18040009003300.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.20 | On/Off RF3:
Description:
SURFACE WATER STATION; DATA MANAGER CODE: 8; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 4700 ;
STATION NAME: CHERRY LAKE UPPER MID POINT ; DWR COUNTY CODE: 55; LATITUDE: 380015; LONGITUDE: 1195350;
CALIFORNIA COORDINATES:

Parameter Inventory for Station: YOSE0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/76-10/25/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/25/76-10/25/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/25/76-10/25/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/76-10/25/76	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/25/76-10/25/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/76-10/25/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/76-10/25/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/25/76-10/25/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/25/76-10/25/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/25/76-10/25/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/25/76-10/25/76	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/76-10/25/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/76-10/25/76	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/76-10/25/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/25/76-10/25/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/25/76-10/25/76	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/25/76-10/25/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/25/76-10/25/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0112

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED 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

EPA Water Quality Criteria Analysis for Station: YOSE0112

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: YOSE0113

NPS Station ID: YOSE0113
LAT/LON: 38.013615/-119.723337
Agency: 112WRD
Date Created: 01/25/86
Location: LK VERNON CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 380049119432401
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: 16.50
On/Off RF1:
RF3 Index: 18040009070502.10
RF3 Mile Point: 2.09
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/83-09/14/83	1	16.8	16.8	16.8	16.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/83-09/14/83	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/14/83-09/14/83	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/14/83-09/14/83	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/14/83-09/14/83	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/83-09/14/83	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/14/83-09/14/83	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/14/83-09/14/83	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/83-09/14/83	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/14/83-09/14/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/14/83-09/14/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/14/83-09/14/83	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/83-09/14/83	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/83-09/14/83	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/83-09/14/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/83-09/14/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/83-09/14/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/83-09/14/83	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/83-09/14/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/83-09/14/83	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/14/83-09/14/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/14/83-09/14/83	1	37.	37.	37.	37.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/14/83-09/14/83	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/14/83-09/14/83	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0113

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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

EPA Water Quality Criteria Analysis for Station: YOSE0113

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
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									
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0114

NPS Station ID: YOSE0114
LAT/LON: 38.013892/-119.722781
Agency: 12WLS1
Date Created: 09/03/88
Location: LAKE VERNON
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4A1-009
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 45
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 20.30
On/Off RF1:
RF3 Index: 18040009055501.43
RF3 Mile Point: 1.42
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/85-10/17/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/17/85-10/17/85	1	10.05	10.05	10.05	10.05	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/17/85-10/17/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/85-10/17/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/17/85-10/17/85	1	0.672	0.672	0.672	0.672	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/17/85-10/17/85	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/17/85-10/17/85	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/85-10/17/85	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/17/85-10/17/85	1	53.7	53.7	53.7	53.7	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/17/85-10/17/85	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/17/85-10/17/85	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/17/85-10/17/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/17/85-10/17/85	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/17/85-10/17/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/17/85-10/17/85	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/85-10/17/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/17/85-10/17/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/85-10/17/85	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/17/85-10/17/85	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/17/85-10/17/85	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/17/85-10/17/85	1	50.	50.	50.	50.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/17/85-10/17/85	1	0.261	0.261	0.261	0.261	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/17/85-10/17/85	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/17/85-10/17/85	1	39.5	39.5	39.5	39.5	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/17/85-10/17/85	1	6523.98	6523.98	6523.98	6523.98	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0114

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	400.	1	0	0.00				1	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: YOSE0114

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00				1	1	1.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: YOSE0115

NPS Station ID: YOSE0115
LAT/LON: 38.015004/-119.529170
Agency: 112WRD
Date Created: 01/11/86
Location: BENSON LK CA
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 380054119314501
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 20.50
On/Off RF1:
RF3 Index: 18040009069200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/83-09/14/83	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/83-09/14/83	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/14/83-09/14/83	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/14/83-09/14/83	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/14/83-09/14/83	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/83-09/14/83	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/14/83-09/14/83	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/14/83-09/14/83	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/83-09/14/83	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/14/83-09/14/83	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/14/83-09/14/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/14/83-09/14/83	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/83-09/14/83	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/83-09/14/83	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/83-09/14/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/83-09/14/83	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/83-09/14/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/83-09/14/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/83-09/14/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/83-09/14/83	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/14/83-09/14/83	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/14/83-09/14/83	1	21.	21.	21.	21.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/14/83-09/14/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/14/83-09/14/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.								
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	09/14/83-09/14/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0115

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 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

EPA Water Quality Criteria Analysis for Station: YOSE0115

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	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: YOSE0116

NPS Station ID: YOSE0116 | LAT/LON: 38.030560/-119.900005 | Agency: 21CAL-1 | Date Created: 08/18/78
Location: CHERRY CR IF TO CHERRY LAKE | FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): B4156130 /5362505
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 18040009 | Depth of Water: 0 | Aquifer:
Major Basin: CALIFORNIA | Elevation: 0 | Water Body Id:
Minor Basin: SAN JOAQUIN RIVER | ECO Region:
RF1 Index: 18040009036 | RF1 Mile Point: 0.450 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 18040009003302.03 | RF3 Mile Point: 2.80 | Distance from RF3: 0.04 | On/Off RF3:
Description:
SURFACE WATER STATION; DATA MANAGER CODE: 8; AREAL CODE: ; BEGINNING OF RECORD: . ; ELEVATION: 4700 ;
STATION NAME: CHERRY CR IF TO CHERRY LAKE ; DWR COUNTY CODE: 55; LATITUDE: 380150; LONGITUDE: 1195400;
CALIFORNIA COORDINATES:

Parameter Inventory for Station: YOSE0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/76-10/25/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/25/76-10/25/76	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/25/76-10/25/76	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/76-10/25/76	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/25/76-10/25/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/76-10/25/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/76-10/25/76	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/25/76-10/25/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/25/76-10/25/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/25/76-10/25/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/25/76-10/25/76	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/76-10/25/76	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/76-10/25/76	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/76-10/25/76	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/25/76-10/25/76	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/25/76-10/25/76	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/25/76-10/25/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/25/76-10/25/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0116

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED 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

EPA Water Quality Criteria Analysis for Station: YOSE0116

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: YOSE0117

NPS Station ID: YOSE0117 | LAT/LON: 38.038892/-119.308616 | Agency: 113FORS4 | Date Created: 03/31/84
Location: SUMMIT LAKE | FIPS State/County: 06051 CALIFORNIA/MONO
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 170204001555 /160503011555/0401555
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16050301 | Depth of Water: 84 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: NORTHWESTERN LAHONTAN - WALKER RIVER | ECO Region:
RF1 Index: 16050301 | RF1 Mile Point: 0.000 | Distance from RF1: 12.80 | On/Off RF1:
RF3 Index: 18040009054300.00 | RF3 Mile Point: 0.88 | Distance from RF3: 0.21 | On/Off RF3:
Description:
ESTABLISHED FROM JUNE 1977 TO AUGUST 1980 TO ESTABLISH BASELINE DATA AND MONITOR RECREATION IMPACTS AS PART OF A HIGH ELEVATION LAKES EUTROPHICATION STUDY. LAKE IS LOCATED ON THE HEADWATERS OF THE EAST FORK GREEN CREEK IN THE HOOVER WILDERNESS, SECTION 3, TOWNSHIP 2N, RANGE 24E, MDM. ELEVATION IS 10250 FEET. SAMPLES TAKEN ABOUT ONCE A MONTH, JULY TO

Parameter Inventory for Station: YOSE0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/77-08/14/80	7	11.6	10.886	15.	5.6	11.905	3.45	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/27/78-09/01/78	2 ##	1.25	1.25	2.5	0.	3.125	1.768	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/20/77-08/14/80	4	4.63	6.217	11.34	4.27	11.692	3.419	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/20/77-07/27/78	5	55.	62.	90.	25.	782.5	27.973	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/20/77-08/14/80	7	7.2	6.557	10.1	4.	5.273	2.296	**	**	**	**
00400	PH (STANDARD UNITS)	06/20/77-08/14/80	8	7.25	7.263	7.6	7.	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/20/77-08/14/80	8	7.182	7.187	7.6	7.	0.086	0.294	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/77-08/14/80	8	0.066	0.065	0.1	0.025	0.001	0.037	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/80-07/24/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/77-08/27/80	6	0.065	0.082	0.2	0.01	0.004	0.066	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/24/80-08/27/80	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/20/77-08/27/80	6	0.01	0.013	0.03	0.005	0.	0.01	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/77-09/17/77	4	0.26	0.26	0.4	0.12	0.026	0.162	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/77-08/27/80	8	0.045	0.044	0.09	0.01	0.001	0.024	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	09/01/78-09/01/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	09/01/78-09/01/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/20/77-09/01/78	6	0.935	1.16	2.31	0.76	0.346	0.588	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	06/20/77-09/17/77	4	0.275	0.938	3.09	0.11	2.081	1.443	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	06/20/77-09/17/77	4	0.755	2.425	8.19	0.	15.082	3.884	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/20/77-08/27/80	8	0.016	0.026	0.05	0.005	0.	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: YOSE0117

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	7	2	0.29	2	0	0.00							5	2	0.40
00400	PH	Other-Hi Lim.	9.	8	0	0.00	2	0	0.00							6	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	2	0	0.00							6	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00										2	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00							5	0	0.00
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	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: YOSE0118

NPS Station ID: YOSE0118
Location: (NO NAME)
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 18040009
Major Basin:
Minor Basin:
RF1 Index: 18040009
RF3 Index: 18040009060705.29
Description:

LAT/LON: 38.070837/-119.781393
Depth of Water: 26
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 5.29

Agency: 12WLS1
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
STORET Station ID(s): 4A1-008
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 8.70
Distance from RF3: 0.07

Date Created: 09/03/88
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: YOSE0118

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/85-10/03/85	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/03/85-10/03/85	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/03/85-10/03/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/85-10/03/85	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/03/85-10/03/85	1	0.148	0.148	0.148	0.148	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/03/85-10/03/85	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/03/85-10/03/85	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/85-10/03/85	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/03/85-10/03/85	1	29.2	29.2	29.2	29.2	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/03/85-10/03/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/03/85-10/03/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/03/85-10/03/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/03/85-10/03/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/85-10/03/85	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/85-10/03/85	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/85-10/03/85	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/03/85-10/03/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/85-10/03/85	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/03/85-10/03/85	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/85-10/03/85	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/03/85-10/03/85	1	26.	26.	26.	26.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/03/85-10/03/85	1	0.298	0.298	0.298	0.298	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/03/85-10/03/85	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/03/85-10/03/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/03/85-10/03/85	1	7324.47	7324.47	7324.47	7324.47	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0118

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	400.	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	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

EPA Water Quality Criteria Analysis for Station: YOSE0118

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: YOSE0119

NPS Station ID: YOSE0119 | LAT/LON: 38.070837/-119.847227 | Agency: 11EPALES | Date Created: / /
Location: UNNAMED CRK IN WTR CYN | FIPS State/County: 32000 NEVADA/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 32051U
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009 | Depth of Water: 0 | Aquifer:
Major Basin: T/LAKE TAHOE | Elevation: 0 | Water Body Id:
Minor Basin: UNIMPROVED RD XING 5.75 MI N OF GENOA | ECO Region:
RF1 Index: 18040009 | RF1 Mile Point: 0.000 | Distance from RF1: 0.40 | On/Off RF1:
RF3 Index: 18040009003904.50 | RF3 Mile Point: 4.50 | Distance from RF3: 0.03 | On/Off RF3:
Description:
AT UNIMPROVED ROAD XING ABOUT 2 MI NW OF JCT WITH IMPROVED RD AND ABOUT 5.75 MI N OF GENOA SEC 16 T14N R19E SITE OUTSIDE LAKE TAHOE WATERSHED LU

Parameter Inventory for Station: YOSE0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/17/74-10/09/75	14	0.013	0.014	0.04	0.003	0.	0.011	0.003	0.004	0.024	0.033
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/17/74-10/09/75	13	0.25	0.463	1.85	0.025	0.315	0.561	0.035	0.05	0.775	1.61
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/17/74-10/09/75	14	0.02	0.019	0.04	0.01	0.	0.009	0.01	0.01	0.023	0.035
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/17/74-10/09/75	10	0.045	0.053	0.12	0.03	0.001	0.029	0.03	0.03	0.065	0.116
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/17/74-10/09/75	14	0.03	0.033	0.075	0.005	0.	0.016	0.015	0.027	0.036	0.065

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

EPA Water Quality Criteria Analysis for Station: YOSE0119

				Total	Exceed	Prop.	9/01-10/15			10/16-3/15			3/16-5/31			6/01-8/31		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	2	0	0.00	3	0	0.00	5	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: YOSE0120

NPS Station ID: YOSE0120
LAT/LON: 38.086115/-119.673338
Agency: 12WLS1
Date Created: 09/03/88
Location: (NO NAME)
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4A1-055
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 16
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 6.60
On/Off RF1:
RF3 Index: 18040009068601.18
RF3 Mile Point: 1.17
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/85-09/24/85	1	11.8	11.8	11.8	11.8	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/85-09/24/85	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/24/85-09/24/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/85-09/24/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/24/85-09/24/85	1	0.131	0.131	0.131	0.131	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/24/85-09/24/85	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/85-09/24/85	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/85-09/24/85	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/24/85-09/24/85	1	33.2	33.2	33.2	33.2	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/24/85-09/24/85	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/85-09/24/85	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/24/85-09/24/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/24/85-09/24/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/85-09/24/85	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/85-09/24/85	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/85-09/24/85	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/24/85-09/24/85	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/85-09/24/85	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/85-09/24/85	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/85-09/24/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-09/24/85	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/24/85-09/24/85	1	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/24/85-09/24/85	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/24/85-09/24/85	1	50.	50.	50.	50.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/24/85-09/24/85	1	9005.49	9005.49	9005.49	9005.49	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0120

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	400.	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	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

EPA Water Quality Criteria Analysis for Station: YOSE0120

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: YOSE0121

NPS Station ID: YOSE0121
Location: (NO NAME)
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 18040009
Major Basin:
Minor Basin:
RF1 Index: 18040009
RF3 Index: 18040009011500.00
Description:

LAT/LON: 38.086670/-119.705282
Depth of Water: 62
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 12WLS1
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
STORET Station ID(s): 4A1-006
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 7.30
Distance from RF3: 0.03

Date Created: 09/03/88
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: YOSE0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/85-10/03/85	1	11.9	11.9	11.9	11.9	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/03/85-10/03/85	1	11.35	11.35	11.35	11.35	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/03/85-10/03/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/85-10/03/85	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/03/85-10/03/85	1	0.225	0.225	0.225	0.225	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/03/85-10/03/85	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/03/85-10/03/85	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/85-10/03/85	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/03/85-10/03/85	1	15.6	15.6	15.6	15.6	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/03/85-10/03/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/03/85-10/03/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/03/85-10/03/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/03/85-10/03/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/85-10/03/85	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/85-10/03/85	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/85-10/03/85	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/03/85-10/03/85	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/85-10/03/85	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/03/85-10/03/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/85-10/03/85	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/03/85-10/03/85	1	21.	21.	21.	21.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/03/85-10/03/85	1	0.036	0.036	0.036	0.036	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/03/85-10/03/85	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/03/85-10/03/85	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/03/85-10/03/85	1	8925.45	8925.45	8925.45	8925.45	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YOSE0121

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	400.	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	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

EPA Water Quality Criteria Analysis for Station: YOSE0121

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: YOSE0122

NPS Station ID: YOSE0122 LAT/LON: 38.120837/-119.465560 Agency: 113FORS4 Date Created: 03/31/84
Location: PEELER LAKE FIPS State/County: 06051 CALIFORNIA/MONO
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 170204001155 /160503011155/0401155
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16050301 Depth of Water: 200 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: NORTHWESTERN LAHONTAN - WALKER RIVER ECO Region:
RF1 Index: 16050301 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 18040009057402.34 RF3 Mile Point: 2.33 Distance from RF3: 0.42 On/Off RF3:
Description:
ESTABLISHED FROM JULY 1975 TO SEPT 1980 TO ESTABLISH BASELINE DATA AND DETERMINE RECREATION IMPACTS AS PART OF A HIGH ELEVATION LAKES EUTROPHICATION STUDY. LAKE IS LOCATED AT THE HEADWATERS OF ROBINSON CREEK IN THE HOOVER WILDERNESS, SEC 8, TOWNSHIP 3N, RANGE 23E, MDM (16 MILES SW OF BRIDGEPORT,CA). ELEVATION IS 9500 FEET. SAMPLES TAKEN

Parameter Inventory for Station: YOSE0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/75-08/20/80	7	12.	11.557	16.	8.	6.906	2.628	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/10/75-09/22/76	3	17.37	16.203	17.83	13.41	5.905	2.43	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/75-09/22/76	5	13.	20.6	50.	12.	272.8	16.517	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/10/75-09/22/76	5	9.	8.6	10.	7.	1.3	1.14	**	**	**	**
00400	PH (STANDARD UNITS)	07/10/75-08/20/80	7	7.1	7.029	7.4	6.5	0.152	0.39	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/10/75-08/20/80	7	7.1	6.871	7.4	6.5	0.181	0.426	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/75-08/20/80	7	0.079	0.135	0.316	0.04	0.016	0.126	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/30/80-07/30/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/30/80-09/02/80	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/30/80-09/02/80	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/10/75-09/02/80	7	0.08	0.103	0.24	0.05	0.005	0.069	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/10/75-09/22/76	5	1.36	2.076	6.42	0.5	6.094	2.469	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/10/75-09/04/75	3	0.2	0.233	0.4	0.1	0.023	0.153	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/17/76-09/02/80	4 ##	0.15	0.164	0.35	0.005	0.034	0.184	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/10/75-09/22/76	5	0.	0.334	1.43	0.	0.386	0.621	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	07/10/75-09/22/76	5	0.	0.346	1.53	0.	0.446	0.668	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	07/10/75-09/22/76	5	0.	0.684	2.93	0.	1.621	1.273	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/17/76-09/02/80	4 ##	0.02	0.079	0.27	0.005	0.016	0.128	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/10/75-09/04/75	3	0.33	0.38	0.56	0.25	0.026	0.161	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: YOSE0122

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	5	0	0.00	2	0	0.00							3	0	0.00
00400	PH	Other-Hi Lim.	9.	7	0	0.00	2	0	0.00							5	0	0.00
		Other-Lo Lim.	6.5	7	2	0.29	2	0	0.00							5	2	0.40

& - 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: YOSE0122

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
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.	7	0	0.00	3	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: YOSE0123

NPS Station ID: YOSE0123
LAT/LON: 38.144170/-119.561115
Agency: 12WLS1
Date Created: 09/03/88
Location: MARY LAKE
FIPS State/County: 06109 CALIFORNIA/TUOLUMNE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4A1-007
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 18040009
Depth of Water: 36
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 18040009
RF1 Mile Point: 0.000
Distance from RF1: 21.80
On/Off RF1:
RF3 Index: 18040009054901.61
RF3 Mile Point: 2.23
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: YOSE0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/85-10/03/85	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/03/85-10/03/85	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/03/85-10/03/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/85-10/03/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/03/85-10/03/85	1	0.842	0.842	0.842	0.842	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/03/85-10/03/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/03/85-10/03/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/85-10/03/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/03/85-10/03/85	1	68.1	68.1	68.1	68.1	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/03/85-10/03/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/03/85-10/03/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/03/85-10/03/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/03/85-10/03/85	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/85-10/03/85	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/85-10/03/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/85-10/03/85	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/03/85-10/03/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/85-10/03/85	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/03/85-10/03/85	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/85-10/03/85	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/03/85-10/03/85	1	17.	17.	17.	17.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/03/85-10/03/85	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/03/85-10/03/85	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/03/85-10/03/85	1	14.	14.	14.	14.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/03/85-10/03/85	1	9645.88	9645.88	9645.88	9645.88	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 time series plot

EPA Water Quality Criteria Analysis for Station: YOSE0123

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	400.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: YOSE0123

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Entire YOSE Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	49	0	0.00	10	0	0.00	9	0	0.00	6	0	0.00	24	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	49	0	0.00	6	0	0.00	20	0	0.00	9	0	0.00	14	0	0.00
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	400.	11	0	0.00	10	0	0.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	694	17	0.02	121	0	0.00	178	1	0.01	82	0	0.00	313	16	0.05
00400	PH	Other-Hi Lim.	9.	687	0	0.00	151	0	0.00	190	0	0.00	97	0	0.00	249	0	0.00
		Other-Lo Lim.	6.5	687	181	0.26	151	32	0.21	190	59	0.31	97	19	0.20	249	71	0.29
00403	PH, LAB	Other-Hi Lim.	9.	286	0	0.00	70	0	0.00	54	0	0.00	23	0	0.00	139	0	0.00
		Other-Lo Lim.	6.5	286	26	0.09	70	8	0.11	54	4	0.07	23	1	0.04	139	13	0.09
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	11	11	1.00	10	10	1.00	1	1	1.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	83	1	0.01	31	0	0.00	21	0	0.00	17	0	0.00	14	1	0.07
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	47	0	0.00	4	0	0.00	17	0	0.00	11	0	0.00	15	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	164	4	0.02	49	2	0.04	48	0	0.00	22	0	0.00	45	2	0.04
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	49	1	0.02	7	0	0.00	13	0	0.00	9	0	0.00	20	1	0.05
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	165	4	0.02	18	0	0.00	57	0	0.00	35	1	0.03	55	3	0.05
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	316	7	0.02	74	2	0.03	64	0	0.00	45	1	0.02	133	4	0.03
00720	CYANIDE, TOTAL	Fresh Acute	0.022	15	2	0.13	5	0	0.00	3	0	0.00	4	2	0.50	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	356	0	0.00	67	0	0.00	89	0	0.00	46	0	0.00	154	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	109	0	0.00	38	0	0.00	18	0	0.00	7	0	0.00	46	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	353	0	0.00	67	0	0.00	88	0	0.00	45	0	0.00	153	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	98	0	0.00	28	0	0.00	17	0	0.00	7	0	0.00	46	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	107	0	0.00	31	0	0.00	18	0	0.00	13	0	0.00	45	0	0.00
		Drinking Water	50.	107	0	0.00	31	0	0.00	18	0	0.00	13	0	0.00	45	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	25	0	0.00	10	0	0.00	2	0	0.00	2	0	0.00	11	0	0.00
		Drinking Water	50.	25	0	0.00	10	0	0.00	2	0	0.00	2	0	0.00	11	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	78	0	0.00	31	0	0.00	5	0	0.00	11	0	0.00	31	0	0.00
		Drinking Water	50.	78	0	0.00	31	0	0.00	5	0	0.00	11	0	0.00	31	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	53	0	0.00	11	0	0.00	17	0	0.00	10	0	0.00	15	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	4	0	0.00	1	0	0.00				1	0	0.00	2	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	13	0	0.00	5	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	38	0	0.00	7	0	0.00	15	0	0.00	8	0	0.00	8	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	103	0	0.00	29	0	0.00	18	0	0.00	13	0	0.00	43	0	0.00
		Drinking Water	5.	103	0	0.00	29	0	0.00	18	0	0.00	13	0	0.00	43	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1 &	0	0.00							1	0	0.00			
		Drinking Water	5.	7 &	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	40 &	20	0.50	21	9	0.43				8	2	0.25	11	9	0.82
		Drinking Water	5.	40 &	20	0.50	21	9	0.43				8	2	0.25	11	9	0.82
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	114	0	0.00	35	0	0.00	18	0	0.00	15	0	0.00	46	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	24	0	0.00	9	0	0.00	2	0	0.00	1	0	0.00	12	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	79	0	0.00	31	0	0.00	5	0	0.00	12	0	0.00	31	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	65	0	0.00	17	0	0.00	17	0	0.00	12	0	0.00	19	0	0.00
		Drinking Water	1300.	65	0	0.00	17	0	0.00	17	0	0.00	12	0	0.00	19	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	4	0	0.00				2	0	0.00	1	0	0.00	1	0	0.00
		Drinking Water	1300.	4	0	0.00				2	0	0.00	1	0	0.00	1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	18	1	0.06	5	0	0.00	5	0	0.00	4	0	0.00	4	1	0.25
		Drinking Water	1300.	18	0	0.00	5	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	104	0	0.00	29	0	0.00	18	0	0.00	13	0	0.00	44	0	0.00
		Drinking Water	5.	96 &	8	0.08	23	1	0.04	18	2	0.11	12	4	0.33	43	1	0.02
01050	LEAD, SUSPENDED	Fresh Acute	82.	23	0	0.00	8	0	0.00	2	0	0.00	2	0	0.00	11	0	0.00
		Drinking Water	5.	2 &	0	0.00							1	0	0.00	1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	46 &	21	0.46	21	9	0.43				5	3	0.60	20	9	0.45
		Drinking Water	5.	28 &	24	0.86	12	9	0.75				5	5	1.00	11	10	0.91
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	36	0	0.00	6	0	0.00	17	0	0.00	7	0	0.00	6	0	0.00
		Drinking Water	100.	36	0	0.00	6	0	0.00	17	0	0.00	7	0	0.00	6	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	43	0	0.00	7	0	0.00	17	0	0.00	10	0	0.00	9	0	0.00
		Drinking Water	50.	43	0	0.00	7	0	0.00	17	0	0.00	10	0	0.00	9	0	0.00
01076	SILVER, SUSPENDED	Fresh Acute	4.1	5 &	0	0.00	2	0	0.00				1	0	0.00	2	0	0.00
		Drinking Water	50.	7	0	0.00	2	0	0.00				2	0	0.00	3	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	11 &	0	0.00	4	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00
		Drinking Water	50.	16	0	0.00	5	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	98	0	0.00	29	0	0.00	18	0	0.00	14	0	0.00	37	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	26	0	0.00	10	0	0.00	2	0	0.00	2	0	0.00	12	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	74	4	0.05	28	1	0.04	5	0	0.00	12	3	0.25	29	0	0.00

& - 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 YOSE Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/01-10/15 Obs	9/01-10/15 Exceed	9/01-10/15 Prop.	10/16-3/15 Obs	10/16-3/15 Exceed	10/16-3/15 Prop.	3/16-5/31 Obs	3/16-5/31 Exceed	3/16-5/31 Prop.	6/01-8/31 Obs	6/01-8/31 Exceed	6/01-8/31 Prop.
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	55	3	0.05	9	0	0.00	19	0	0.00	11	0	0.00	16	3	0.19
		Drinking Water	50.	55	0	0.00	9	0	0.00	19	0	0.00	11	0	0.00	16	0	0.00
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	50.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	17	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00	4	0	0.00
		Drinking Water	50.	17	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00	4	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	12	0	0.00	2	0	0.00	5	0	0.00				5	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	76	0	0.00	8	0	0.00	31	0	0.00	13	0	0.00	24	0	0.00
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	68	0	0.00	37	0	0.00	4	0	0.00	9	0	0.00	18	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	182	0	0.00	28	0	0.00	47	0	0.00	20	0	0.00	87	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
		Drinking Water	0.2	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
		Drinking Water	2.	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	4	0	0.00	2	0	0.00							2	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
		Drinking Water	0.2	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	5	0	0.00	3	0	0.00							2	0	0.00
		Drinking Water	3.	5	0	0.00	3	0	0.00							2	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
		Drinking Water	0.4	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
		Drinking Water	0.2	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	3	0	0.00	2	0	0.00							1	0	0.00
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	8	0	0.00	4	0	0.00	1	0	0.00				3	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	111	3	0.03	42	2	0.05	35	0	0.00	15	0	0.00	19	1	0.05
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	26	1	0.04	19	0	0.00	1	0	0.00	4	0	0.00	2	1	0.50
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	115	4	0.03	27	0	0.00	27	3	0.11	19	1	0.05	42	0	0.00
		Drinking Water	2.	115	5	0.04	27	0	0.00	27	4	0.15	19	1	0.05	42	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	25	2	0.08	10	0	0.00	2	1	0.50	1	0	0.00	12	1	0.08
		Drinking Water	2.	25	2	0.08	10	0	0.00	2	1	0.50	1	0	0.00	12	1	0.08
71900	MERCURY, TOTAL	Fresh Acute	2.4	120	6	0.05	43	0	0.00	14	3	0.21	20	1	0.05	43	2	0.05
		Drinking Water	2.	120	7	0.06	43	0	0.00	14	4	0.29	20	1	0.05	43	2	0.05
80020	URANIUM, DISS. BY EXTRACTION FLUOROMETRI	Drinking Water	20.	14	0	0.00	4	0	0.00	5	0	0.00	1	0	0.00	4	0	0.00

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

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 YOSE 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 YOSE Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (UEQ/L)	11	11	0	0	11
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	550	23	341	186	86
00440	BICARBONATE ION (MG/L AS HCO3)	200	0	57	143	11
00445	CARBONATE ION (MG/L AS CO3)	181	0	43	138	9
		942	34	441	467	117 (97)[!]

pH		Total Obs.	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	687	114	410	163	81
00403	PH, LAB (STANDARD UNITS)	286	61	188	37	95
		973	175	598	200	176(107)[!]

Conductivity		Total Obs.	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	116	6	76	34	9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	770	130	453	187	95
		886	136	529	221	104 (97)[!]

Dissolved Oxygen		Total Obs.	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00300	OXYGEN, DISSOLVED (MG/L)	694	106	468	120	75
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	149	2	147	0	44
		843	108	615	120	119 (75)[!]

Water Temperature		Total Obs.	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	858	134	512	212	102
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	1	0	0	1	1
		859	134	512	213	103(102)[!]

Flow		Total Obs.	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00060	FLOW, STREAM, MEAN DAILY CFS	39	0	7	32	3
00061	FLOW, STREAM, INSTANTANEOUS CFS	464	49	305	110	56
00065	STAGE, STREAM (FEET)	99	4	84	11	7
		602	53	396	153	66 (56)[!]

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

Clarity/Turbidity		Total Obs.	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	49	0	26	23	10
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	49	30	19	0	5
00078	TRANSPARENCY, SECCHI DISC (METERS)	20	11	9	0	15
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	42	1	24	17	7
		160	42	78	40	37 (28)[1]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	95	0	42	53	9
00602	NITROGEN, DISSOLVED (MG/L AS N)	13	0	13	0	1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	160	1	71	88	9
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	28	0	15	13	8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	115	30	49	36	9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	272	29	138	105	25
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	164	12	74	78	26
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	49	0	36	13	6
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	31	1	23	7	4
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	224	30	110	84	12
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	165	9	114	42	12
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	316	40	184	92	79
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	4	0	4	0	1
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	81	2	31	48	7
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	111	11	38	62	22
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	26	0	0	26	4
		1854	165	942	747	234(109)[1]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	17	0	3	14	1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	177	0	70	107	10
00665	PHOSPHORUS, TOTAL (MG/L AS P)	416	36	221	159	23
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	175	30	117	28	65
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	350	52	146	152	33
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	56	9	12	35	12
		1191	127	569	495	144 (94)[1]

Chlorophyll		Total Obs.	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	11	0	11	0	2
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	4	0	0	4	3
32230	CHLOROPHYLL A (MG/L)	1	0	1	0	1
		16	0	12	4	6 (6)[1]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	393	8	253	132	67
00945	SULFATE, TOTAL (MG/L AS SO4)	353	46	214	93	82
00946	SULFATE, DISSOLVED (MG/L AS SO4)	98	0	57	41	11
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	329	39	189	101	25
		1173	93	713	367	185 (93)[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 05/26/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	76	0	38	38	1
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	1	0	1	0	1
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	68	0	10	58	3
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	182	32	150	0	59
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	96	30	66	0	4
		423	62	265	96	68 (62)[1]

Toxic Elements		Total Obs.	01/01/85 to 05/26/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01000	ARSENIC, DISSOLVED (UG/L AS AS)	107	27	31	49	11
01001	ARSENIC, SUSPENDED (UG/L AS AS)	25	0	8	17	3
01002	ARSENIC, TOTAL (UG/L AS AS)	78	0	16	62	6
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	38	27	11	0	5
01025	CADMIUM, DISSOLVED (UG/L AS CD)	103	27	27	49	11
01026	CADMIUM, SUSPENDED (UG/L AS CD)	22	0	5	17	3
01027	CADMIUM, TOTAL (UG/L AS CD)	76	0	14	62	6
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	114	27	38	49	11
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	24	0	7	17	3
01034	CHROMIUM, TOTAL (UG/L AS CR)	79	0	17	62	6
01040	COPPER, DISSOLVED (UG/L AS CU)	65	27	38	0	7
01041	COPPER, SUSPENDED (UG/L AS CU)	4	0	4	0	1
01042	COPPER, TOTAL (UG/L AS CU)	18	0	17	1	1
01049	LEAD, DISSOLVED (UG/L AS PB)	104	27	29	48	11
01050	LEAD, SUSPENDED (UG/L AS PB)	23	0	6	17	3
01051	LEAD, TOTAL (UG/L AS PB)	75	0	13	62	6
71890	MERCURY, DISSOLVED (UG/L AS HG)	115	26	15	74	20
71895	MERCURY, SUSPENDED (UG/L AS HG)	25	0	8	17	3
71900	MERCURY, TOTAL (UG/L AS HG)	120	0	35	85	16
01065	NICKEL, DISSOLVED (UG/L AS NI)	36	30	5	1	5
01145	SELENIUM, DISSOLVED (UG/L AS SE)	55	26	29	0	3
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7	0	7	0	1
01147	SELENIUM, TOTAL (UG/L AS SE)	17	0	16	1	1
01075	SILVER, DISSOLVED (UG/L AS AG)	43	30	13	0	5
01076	SILVER, SUSPENDED (UG/L AS AG)	7	0	7	0	1
01077	SILVER, TOTAL (UG/L AS AG)	16	0	15	1	1
01090	ZINC, DISSOLVED (UG/L AS ZN)	98	27	27	44	11
01091	ZINC, SUSPENDED (UG/L ZN)	26	0	9	17	3
01092	ZINC, TOTAL (UG/L AS ZN)	74	0	17	57	6
00720	CYANIDE, TOTAL (MG/L AS CN)	15	0	13	2	1
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	8	0	5	3	1
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	8	0	5	3	1
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	8	0	5	3	1
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	5	0	5	0	1
		1694	301	552	841	182 (20)[1]

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

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	942	34	3.6	97	80.8	9.7	03/12/68-09/05/91	40.1
pH	973	175	18.0	107	89.2	9.1	03/12/68-11/18/92	39.4
Conductivity	886	136	15.3	97	80.8	9.1	03/12/68-05/26/93	35.1
Dissolved Oxygen	843	108	12.8	75	62.5	11.2	03/12/68-05/26/93	33.4
Water Temperature	859	134	15.6	102	85.0	8.4	03/12/68-05/26/93	34.1
Flow	602	53	8.8	56	46.7	10.8	03/12/68-11/18/92	24.4
Clarity/Turbidity	160	42	26.3	28	23.3	5.7	11/20/67-05/28/92	6.5
Nitrate/Nitrogen	1854	165	8.9	109	90.8	17.0	12/18/68-05/28/92	79.1
Phosphate/Phosphorus	1191	127	10.7	94	78.3	12.7	12/18/68-05/28/92	50.8
Chlorophyll	16	0	0.0	6	5.0	2.7	08/15/74-09/01/78	4.0
Sulfates/Total Dissolved Solids/Hardness	1173	93	7.9	93	77.5	12.6	03/12/68-05/28/92	48.4
Bacteria	423	62	14.7	62	51.7	6.8	03/12/68-05/26/93	16.8
Toxic Elements	1694	301	17.8	20	16.7	84.7	10/06/70-05/28/92	78.3

Water Quality Observations
Outside STORET Edit Criteria for YOSE

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
YOSE0036	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	740611	1430	20.0000000	112WRD	11266450	

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) YOSETABS.ZIP

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

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

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

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

(d) YOSEOV0.DOC - Overview of park and retrieved data.

(e) YOSEOV1.DOC - Station period of record table.

(f) YOSEOV2.DOC - Parameter period of record table.

(g) YOSEOV3.DOC - Station/parameter period of record table.

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

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

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

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

(l) YOSEBAD.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 YOSEOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\YOSEOV1.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) YOSEFIGS.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 YOSE0001. 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 YOSE0001) 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) YOSEPARM.ZIP

This file compresses YOSEPARM.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) YOSESITE.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) YOSEWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

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

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

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

(e) YOSEDAMS.DBF - All water impoundments within the project's study area downloaded from the DAMS database. (Not implemented in YOSE 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) YOSEMISC.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) YOSEEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

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

(f) YOSEWQ - 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 (YOSEWQA, YOSEWQB, YOSEWQC, etc.) and the index map name will end with an ampersand (&).

(g) YOSEIDG - 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 (YOSEIDGA, YOSEIDGB, YOSEIDGC, 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) YOSESEHY - 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 YOSEFIGS.ZIP and YOSETABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in YOSEMISC.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) YOSERF3.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) YOSEWQMW.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: YOSEPARM.DBF in YOSEPARM.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: YOSEPARM.DBF in YOSEPARM.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: YOSEPARM.DBF in YOSEPARM.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: YOSEWQ.DBF in YOSESITE.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: YOSEWQ.DBF in YOSESITE.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: YOSEIFD.DBF in YOSESITE.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: YOSEIFD.DBF in YOSESITE.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: YOSEIFD.DBF in YOSESITE.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: YOSEDRIN.DBF in YOSESITE.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: YOSEDRIN.DBF in YOSESITE.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: YOSEDRIN.DBF in YOSESITE.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: YOSEGAGE.DBF in YOSESITE.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: YOSEGAGE.DBF in YOSESITE.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: YOSEDAMS.DBF in YOSESITE.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: YOSEDAMS.DBF in YOSESITE.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: YOSEDAMS.DBF in YOSESITE.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: YOSEDAMS.DBF in YOSESITE.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 YOSERF3.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 YOSERF3.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 YOSERF3.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 YOSERF3.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 YOSERF3.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 YOSERF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

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

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

Appendix C

STORET Water Quality Control/Edit Checking

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

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

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

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

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

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

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

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

Appendix D

STORET Administrative Parameters

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

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

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

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

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

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

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

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

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

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

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

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

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

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

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

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

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

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

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

Appendix F

National EPA Water Quality Criteria Summary[1]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250s			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20c			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300a	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal
7440020	81752	1400+	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[l]	TURBIDITY, FIELD	NTU	Physical
	82079				50[l]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide

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

Footnote Key:

[*]Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

[+]Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

[***]pH Dependent Criteria (7.8 pH Used).

[=]Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

[^]Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

[#]EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

[!]Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-

STORET Code	Conductivity Parameter Group	C.A.S. Number
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-

STORET Code	Dissolved Oxygen Parameter Group	C.A.S. Number
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447

STORET Code	pH Parameter Group	C.A.S. Number
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (μEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326

STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00969	CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

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