Baseline Water Quality Data

Inventory and Analysis

Yellowstone National Park



Water Resources Division and Servicewide Inventory and Monitoring Program

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

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BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

YELLOWSTONE NATIONAL PARK

National Park Service
Water Resources Division
Fort Collins, CO 80525

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EXECUTIVE SUMMARY

This document presents the results of surface-water-quality data retrievals for Yellowstone National Park (YELL) 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 YELL study area from the IFD, DRINKS, and GAGES databases located 2 industrial dischargers, no drinking water intakes, and 9 active or inactive U. S. Geological Survey gaging stations. The results of the STORET retrieval for the study area yielded 28,714 observations for 164 separate water quality parameters collected by 7 federal, state, and local government agencies at 444 water quality stations. There are no water quality parameter data available for 201 of the monitoring stations. Instead, these stations were established by the park and used to monitor fish populations and describe physical features such as elevation, stream length, stream order, gradient, watershed size, etc. Four-hundred-four 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. Twenty-nine stations within the study area (all within the park) yielded longer-term records consisting of multiple observations for several important water quality parameters: (1) Heart Lake S. YNP at Base of Sheridan Mt. (YELL 0065); (2) Lewis Lake 12 Mi. N. of South Entrance YNP (YELL 0103); (3) Yellowstone Lake Southeast Arm OLI Sample Site (YELL 0108); (4) Yellowstone Lake South Arm OLI Sample Site #2 (YELL 0109); (5) Shoshone Lake S. Central YNP (YELL 0121); (6) Yellowstone Lake West Thumb OLI Sample Site (YELL 0135); (7) Firehole River Above Diversion Dam Near Old Faithful YNP (YELL 0137); (8) Iron Spring Creek Above Old Faithful Sewage Lagoon (YELL 0141); (9) Iron Spring Creek Below Old Faithful Sewage Lagoon (YELL 0142); (10) Middle Creek at E Entrance YNP WY (YELL 0154); (11) Yellowstone Lake SE Stevenson Island OLI Site (YELL 0156); (12) Yellowstone River at Fishing Bridge YNP (YELL 0184); (13) Yellowstone River Below Fishing Bridge (YELL 0187); (14) Nez Perce Creek Near Fountain Paint Pot YNP (YELL 0190); (15) Firehole River at Madison Jct. YNP, WY (YELL 0214); (16) Madison River Below Madison Junction (YELL 0216); (17) Madison River Near Madison Junction (YELL 0217); (18) Madison River Near West Yellowstone, MT (YELL 0224); (19) Gibbon River Near Norris Jet YNP (YELL 0266); (20) Cascade Creek Above Diversion Near Canyon Village YNP (YELL 0274); (21) Gardner River Above Diversion Dam Near Mammoth YNP (YELL 0321); (22) Lava Creek Above Lupine Creek Near Mammoth YNP (YELL 0359); (23) Glen Creek at Mammoth Diversion YNP (YELL 0360); (24) Blacktail Deer Creek Below Trail From Blacktail Pond YNP, WY (YELL 0380); (25) Gardner River Above Mammoth Springs Outflow Near Mammoth YNP (YELL 0386); (26) Mammoth Springs Outflow at Mammoth YNP (YELL 0388); (27) Gardner River Sinkhole Diversion at Mammoth YNP (YELL 0390); (28) Hot River at Mammoth YNP (YELL 0400); and (29) Gardner River Near Mammoth YNP (YELL 0401)[†].

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

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 YELL water quality criteria screen found 8 parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH and copper exceeded their respective EPA acute or chronic criteria for the protection of aquatic life at least once. Sulfate, arsenic, antimony and copper exceeded their respective EPA drinking water criteria at least once. Alkalinity was below the threshold used by the NPS Air Quality Division for determining potential sensitivity to acid deposition (buffering capacity) three times. Fecal coliform bacteria concentrations exceeded WRD screening limits for primary-body contact recreation once.

Dissolved oxygen concentrations were measured 184 times at 90 monitoring stations throughout the study area during the period from 1974 through 1992. Only 5 observations at 4 monitoring stations were below the 4 milligrams per liter (mg/L) EPA criterion for the protection of freshwater aquatic life. These depressed dissolved oxygen concentrations were reported in 1974, 1978, 1979 and 1985 in Nymph Lake (YELL 0272), Cygnet Lake #2 (YELL 0221), Beach Springs Lake (YELL 0174) and the South Arm of Lake Yellowstone (YELL 0101), respectively. The station inventories noted healthy fish populations in Beach Springs Lake and the South Arm of Lake Yellowstone which is inconsistent with low dissolved oxygen concentrations. The station inventories noted that no fish were observed in Cygnet Lake #2 and Nymph Lake.

The pH was measured 776 times at 228 monitoring stations throughout the study area from 1964 through 1992. A total of 53 observations at 26 monitoring stations were outside the pH range of 6.5 to 9.0 standard units (EPA chronic criteria for freshwater aquatic life). Nine observations were greater than or equal to pH 9.0 and 44 were less than or equal to pH 6.5. The criteria were exceeded throughout the study area in lakes, creeks, springs and rivers.

Total alkalinity was determined by low-level (less than 10 mg/L as $CaCO_3$) gran analysis 8 times at 8 monitoring stations. Observations at Grassy Lake Reservoir (YELL 0003), Lake (no name, YELL 0127) and Fern Lake (YELL 0240) were below 200 µeq/L indicating sensitivity to acid deposition. Total alkalinity was also determined at numerous stations using high-level (greater than 10 mg/L as $CaCO_3$) methods with results reported in mg/L as $CaCO_3$.

Total sulfate concentrations were measured 786 times at 211 monitoring stations from 1964 through 1992. The proposed drinking water criterion of 400 mg/L was exceeded 73 times at 4 stations located in the vicinity of Mammoth Hot Springs (YELL 0387, YELL 0388, YELL 0389, YELL 0400).

Total copper concentrations were measured 286 times at 96 monitoring stations from 1974 through 1991. One observation at Upper Trilobite Lake (YELL 0297) exceeded the proposed drinking water criterion of 1300 µg/L. The reported concentration of 3000 µg/L is suspect since Upper Trilobite Lake was noted to contain the highest density of brook trout in the park. At 77 stations, 209 observations exceeded the acute freshwater criterion of 18 µg/L. However, based on the data and personal communication with the responsible agency, it appears that the majority (more than 80 %) of the reported concentrations were entered into the data base as the method detection limit of 100 µg/L, which is much higher than the acute freshwater criterion. Therefore, very little can be concluded about the concentrations and distribution of copper throughout the study area. Historically, copper concentrations were reportedly elevated in the vicinity of Soda Butte Creek, in the northeastern portion of the park, due to impacts from upstream mining activities.

Total arsenic concentrations were measured 72 times at 34 monitoring stations from 1974 through 1991. The drinking water criterion of 50 µg/L was exceeded 19 times at 2 stations. Eighteen concentrations in the Madison River above Hebgen Lake (YELL 0260) were reported in the range of 137 to 356 µg/L. One concentration of 200 µg/L was reported near West Yellowstone, Montana (YELL 0225).

Dissolved antimony concentrations were measured twice in the Madison River near West Yellowstone, Montana (YELL 0224). The reported concentrations were 15 and 18 µg/L which exceeded the proposed drinking water criterion of 10 µg/L.

Fecal coliform concentrations were measured 20 times at 11 stations and exceeded the 200 CFU/100 milliliters criterion once (YELL 0281).

The IDEA conducted for YELL 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. However, data in the alkalinity, pH, clarity/turbidity, nitrate/nitrogen, phosphate/phosphorus, bacteria and toxic element parameter groups were primarily collected before 1985. Limited data were available from these parameter groups after 1984, and no bacteria data were reported after 1984. Limited dissolved oxygen data were available throughout the period of record. Results for 11 inorganic parameters of the 127 EPA priority toxic pollutants were retrieved from STORET. No organic data were available.

Yellowstone National Park encompasses approximately a 3,500 square mile watershed that preserves one of the most significant, near-pristine aquatic environments in the United States, and contributes to two of the nation's farthest reaching drainages: the Missouri and Columbia rivers. The surface water resources in the YELL study area include some 600 streams and 175 lakes. Yellowstone Lake, Shoshone Lake, Lewis Lake and Heart Lake account for about 94 percent of the park's lake surface. The quality of water in Yellowstone National Park varies with the geologic terrain, the degree of influence from thermal water and the season. Natural geothermal discharges affect water temperature, pH and salinity which affect the solubility of constituents and the resultant quality of water. Seasonal variations in the quality of surface water occur because of runoff from snowmelt and precipitation with low dissolved-solids content and high suspended-sediment load. Conversely, base flow from ground water discharging to streams may have relatively high dissolved solids and low suspended sediment. In addition to these natural processes, human-related activities have the potential to affect water quality. Based on the data inventories and analyses contained in this report, surface water quality within the study area is typical of that encountered in geothermally influenced areas.

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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.

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

Jacquie Nolan designed the cover and provided publications support.

Horizon Systems:

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

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

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

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

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

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

Other National Park Service:

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

METHODOLOGY

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

Delineation of Park Study Area

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

Data Sources

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

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

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

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

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

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

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

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

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

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

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

Data Retrieval and Analysis Procedures

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

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

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

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

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

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

Park Unit Databases

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

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

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

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

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

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

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

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

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

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

Screening Methodologies and Procedures

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

STORET Edit Criteria

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

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

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

Date Screen

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

Station Type Screen

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

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

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

Phase 0 Parameter Screen

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

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

Phase 1 Parameter Screen

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

Media Type Screen

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

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

Remark Code Screen

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

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

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

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

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

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

Composite Type Screen

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

Table D. Possible STORET Composite Type Codes

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

Phase 2 Parameter Screen

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

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

Observations/Period of Record Screen

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

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

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

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

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

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

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

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

Statistical Definitions

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

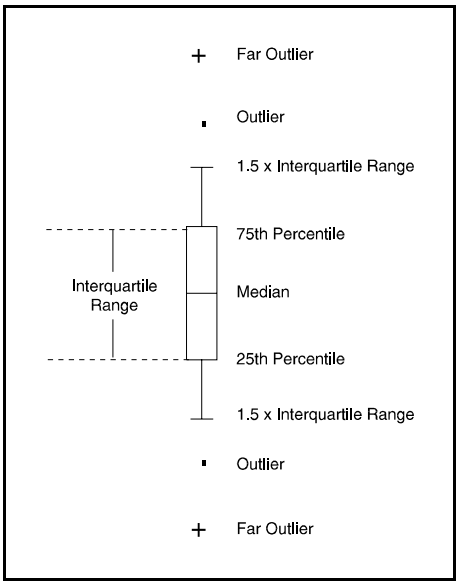
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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

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

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

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



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

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

Overview

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

Regional Location Map

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

Water Quality Monitoring Locations Map(s)

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

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

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

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

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

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

Representative Mean Annual Hydrograph for Seasonal Analysis

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

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

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

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

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

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

Contacts for Agency Codes Retrieved

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

Quantity of Data Retrieved by Agency Code

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

Station Period of Record Tabulation

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

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

Parameter Period of Record Tabulation

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

Station/Parameter Period of Record Tabulation

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

Station-By-Station Results

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

Station Inventory for Station

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

Parameter Inventory for Station

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

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

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

EPA Water Quality Criteria Analysis for Station

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

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

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

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

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

Time Series Plots for Station

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

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

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

Annual Analysis for Station

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

Annual Box-and-Whiskers Plots for Station

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

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

Seasonal Analysis for Station

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

Seasonal Box-and-Whiskers Plots for Station

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

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

EPA Water Quality Criteria Analysis for Entire Park Study Area

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

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

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

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

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

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

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

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

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

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

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

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

Water Quality Observations Outside STORET Edit Criteria for Park

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

WATER QUALITY RESULTS

OVERVIEW FOR YELL[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:	2869120	2194560
# STORET Stations:	444	404
# Stations With No Data:	201	195
# Stations With No Stat. Analysis:	0	0
# Longer Term Stations:	29	29
Date of STORET Retrieval:	05/09/93	05/09/93
Period of Record:	10/11/51-01/12/93	10/11/51-01/12/93
# Parameters Measured:	164	143
# Water Quality Observations:	28714	27018
# Industrial/Municipal Facilities:	2	0
# Drinking Water Intakes:	0	0
# Water Gages:	9	8
# Water Impoundments:	2	1
# Total Plots:	85	85
# Time Series:	41	41
# Annual:	3	3
# Seasonal:	41	41

Hydrologic Definition of Seasons:

1. November 1 - April 15
2. April 16 - June 15
3. June 16 - August 15
4. August 16 - October 31

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 8 years and at least 32 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:

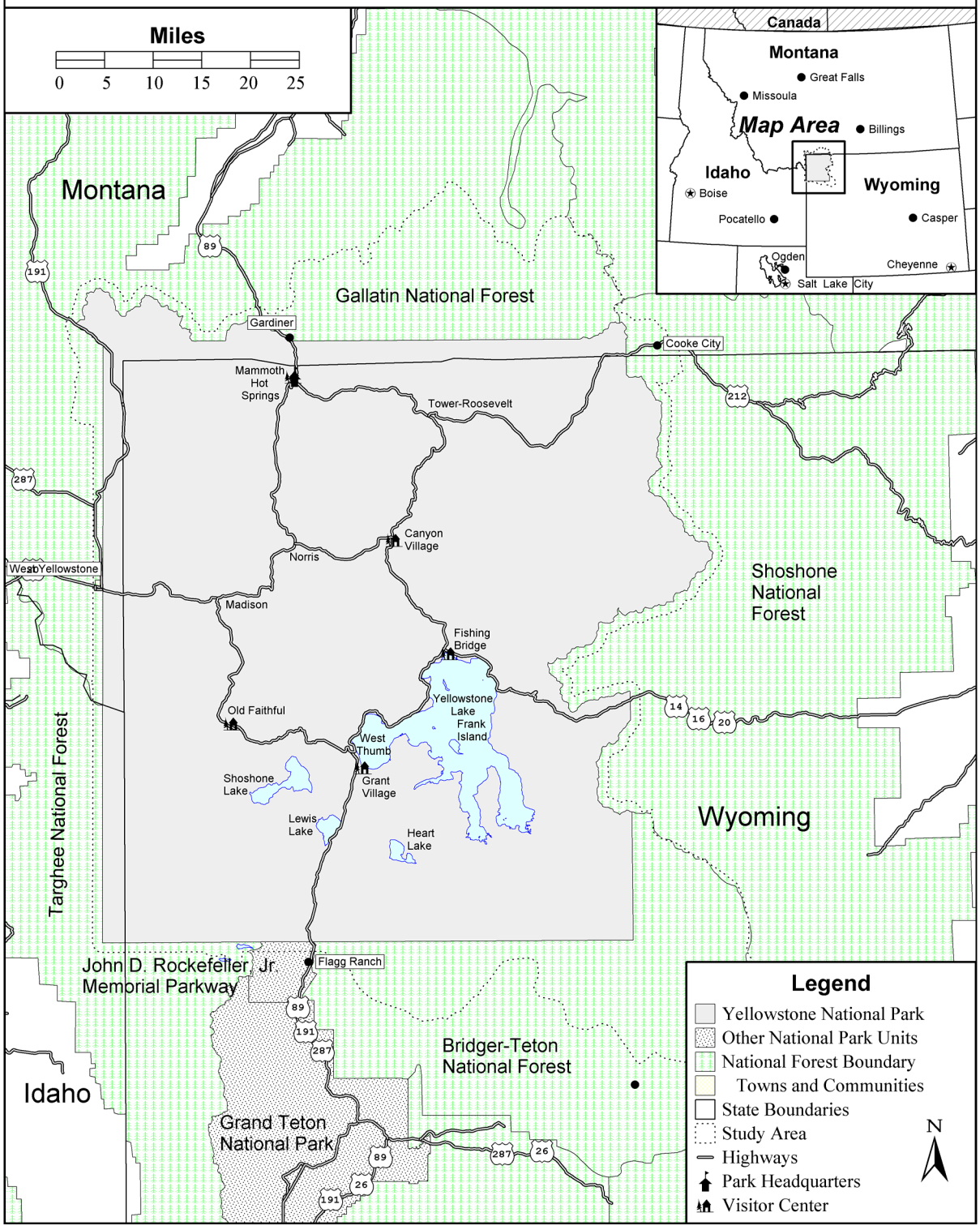
To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 8 years and observations in at least 3 of the 8 years.

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).

Yellowstone National Park

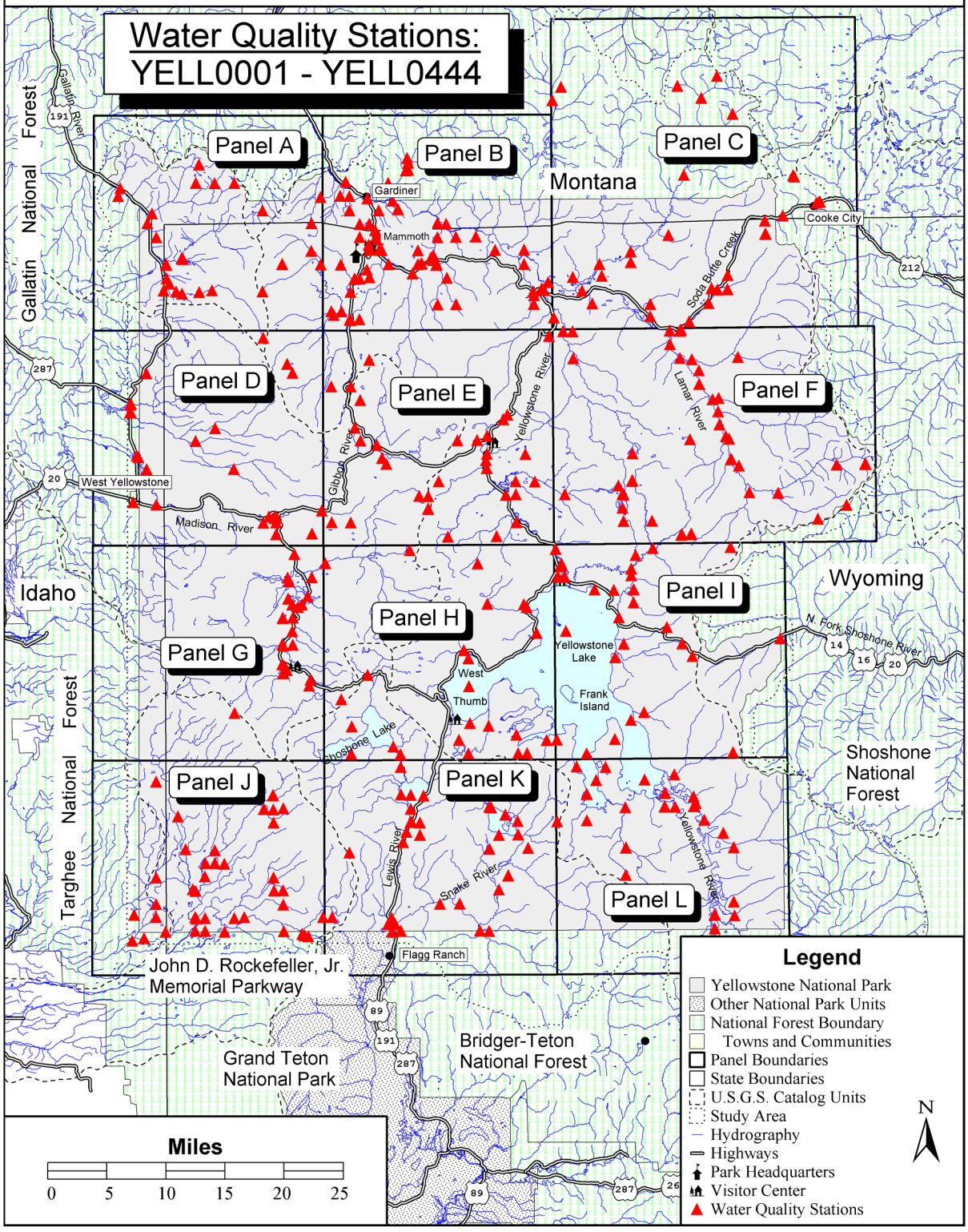
Regional Location Map



Yellowstone National Park

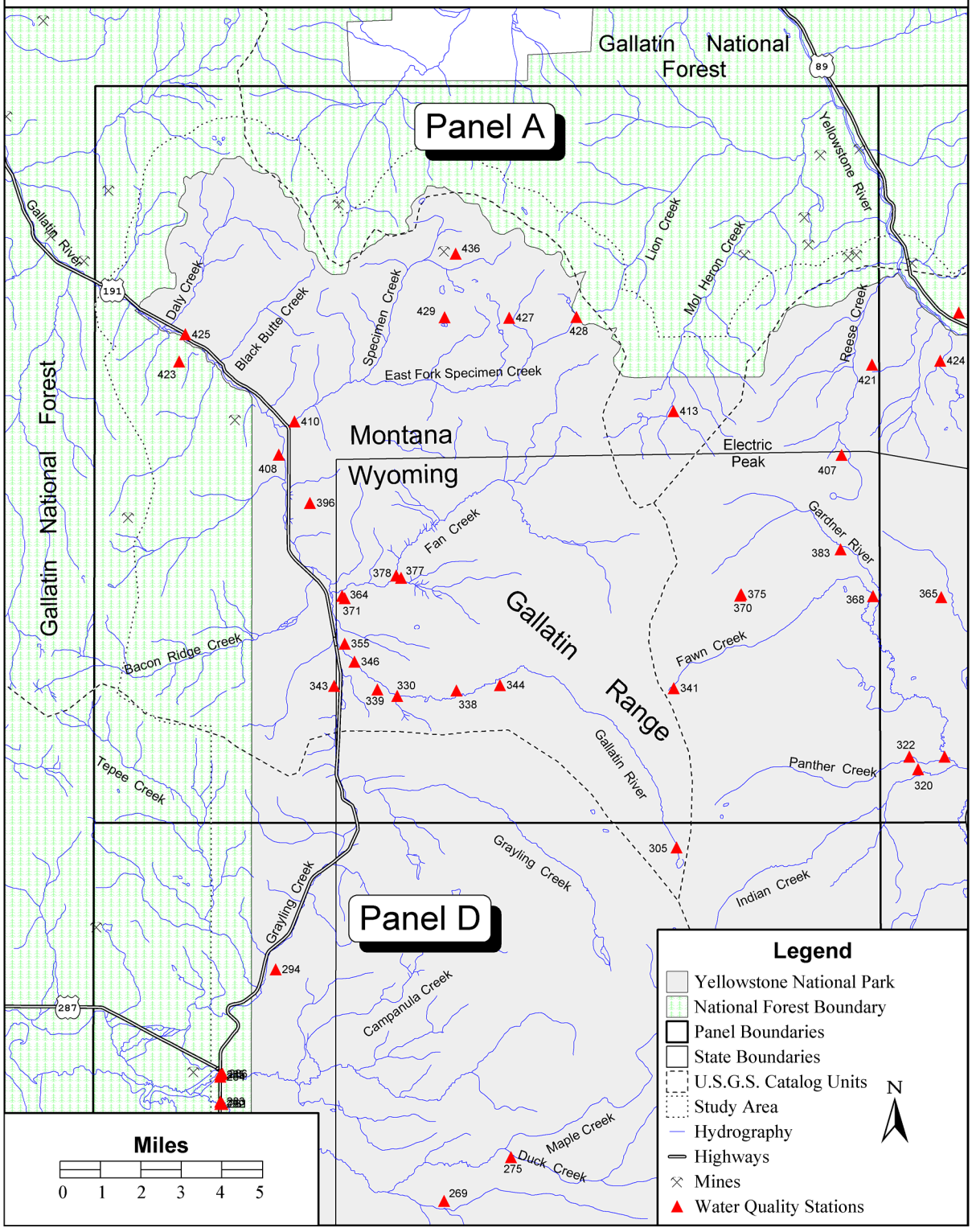
Water Quality Monitoring Locations

Graphic Panel Index



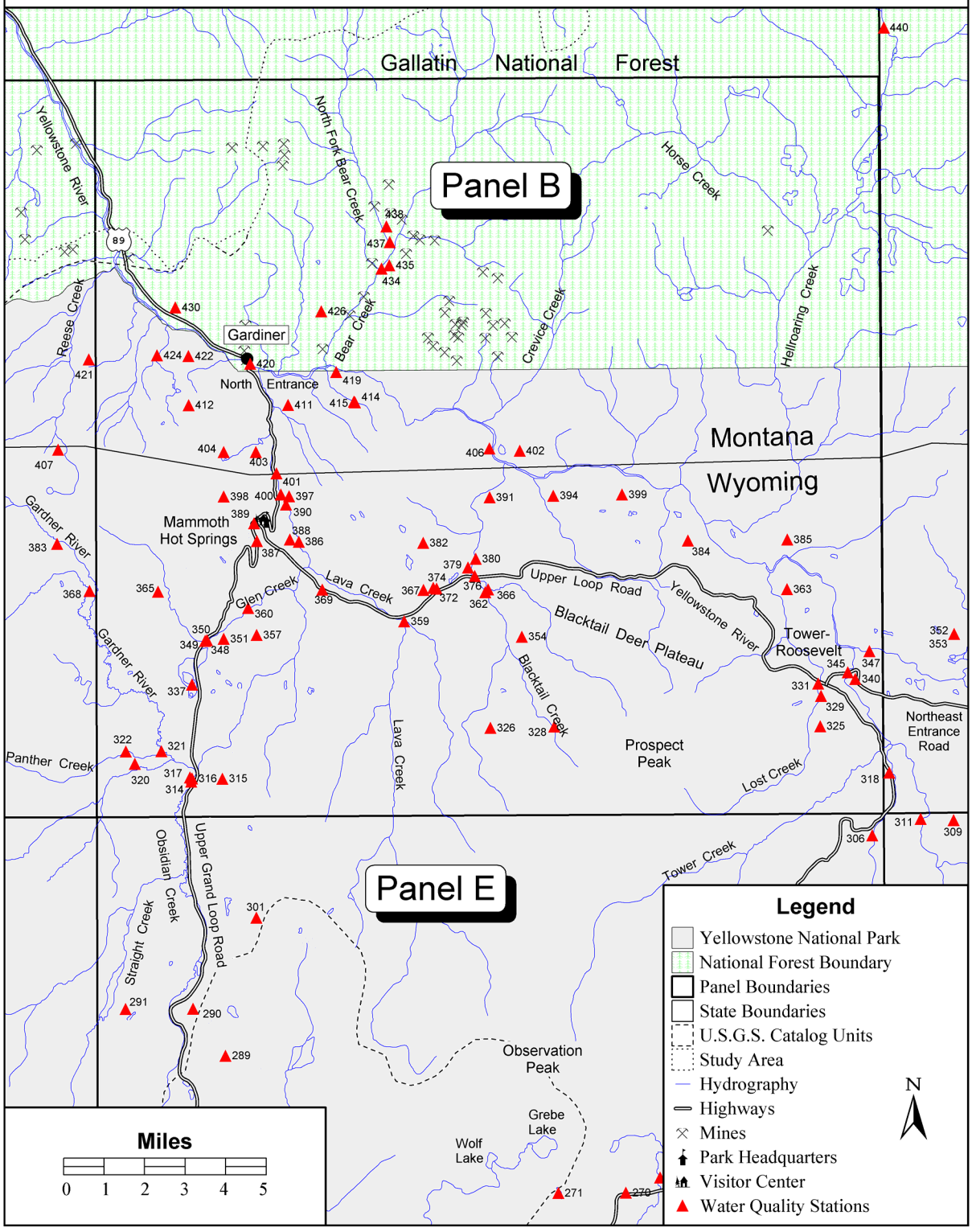
Yellowstone National Park

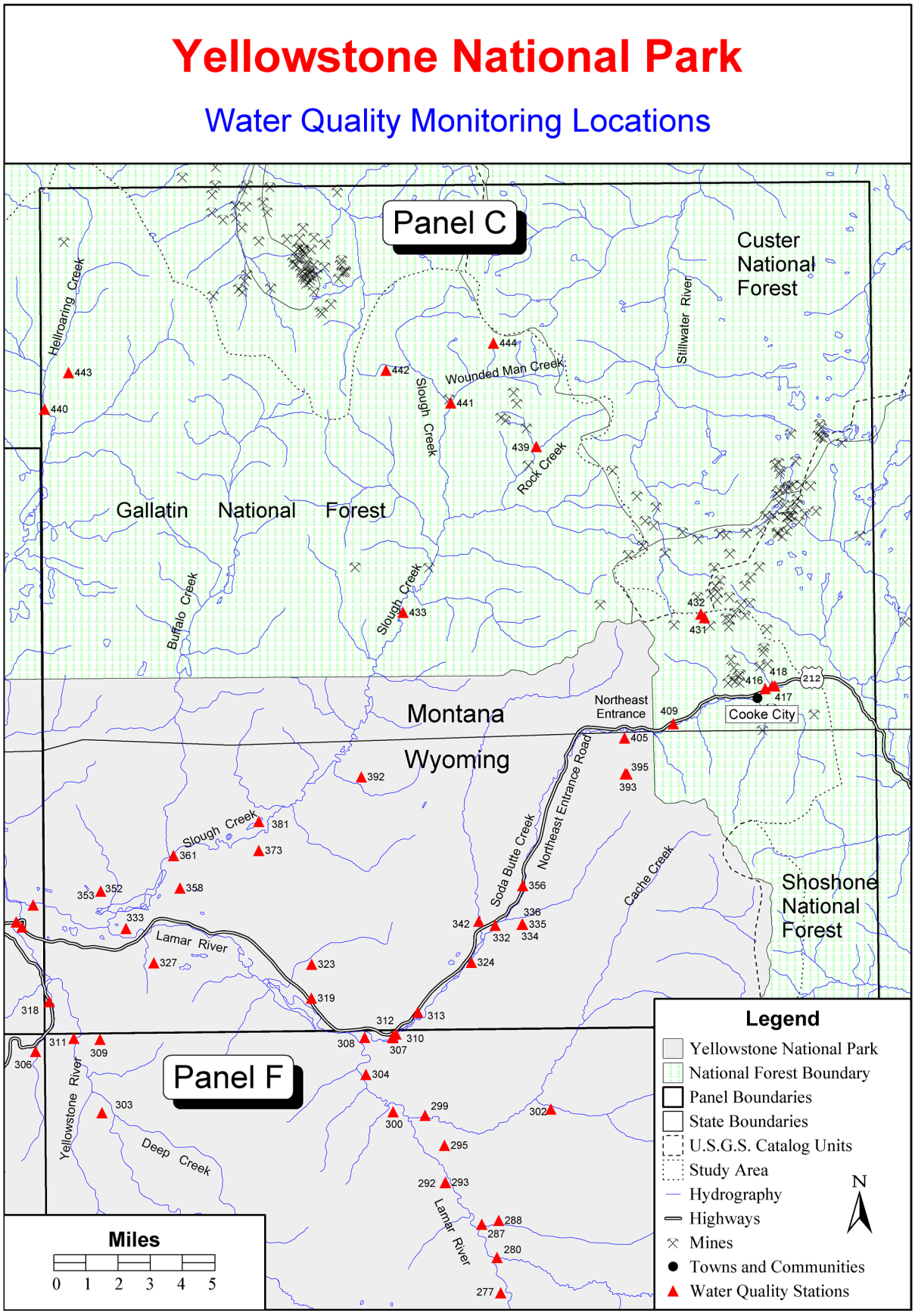
Water Quality Monitoring Locations

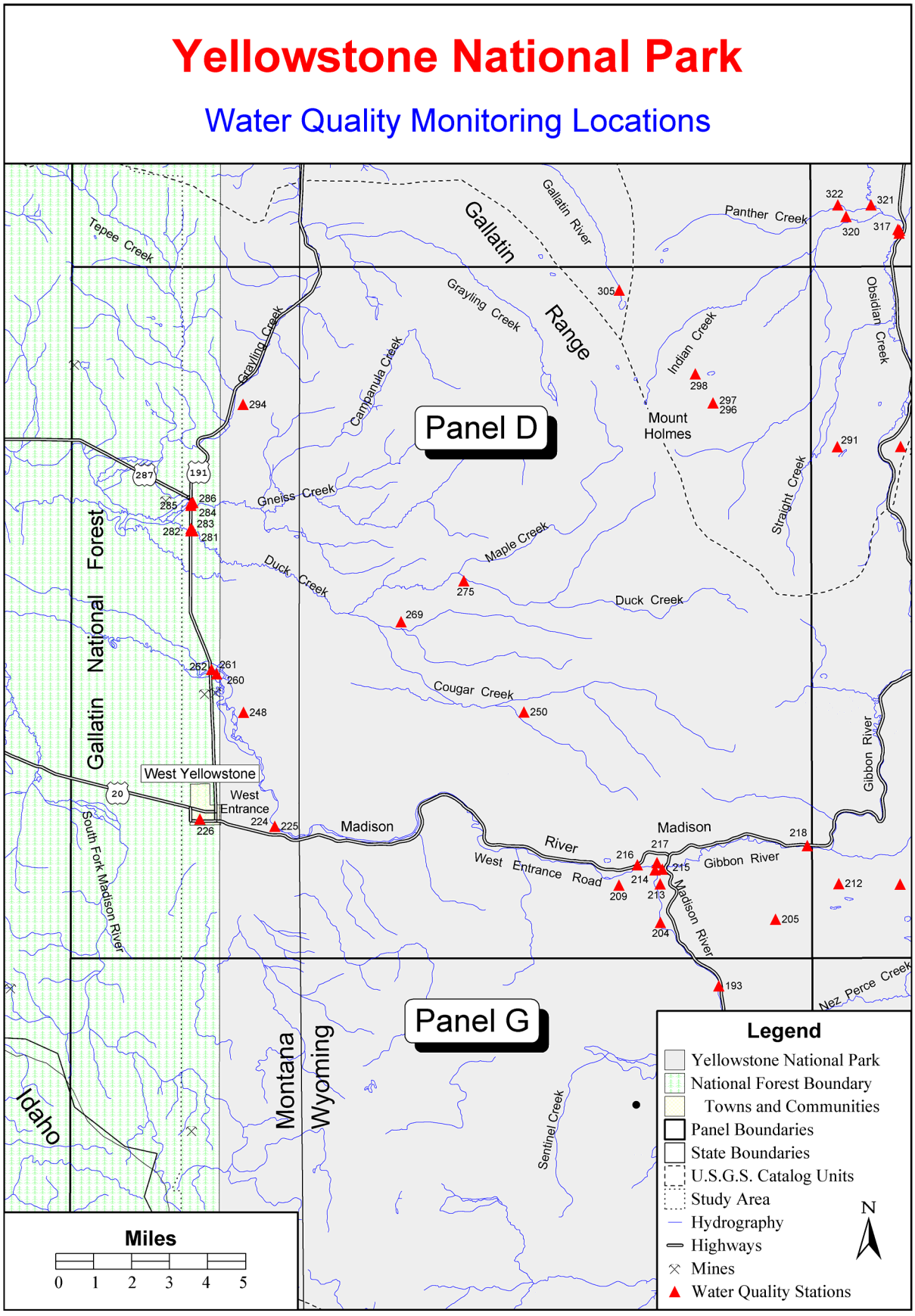


Yellowstone National Park

Water Quality Monitoring Locations

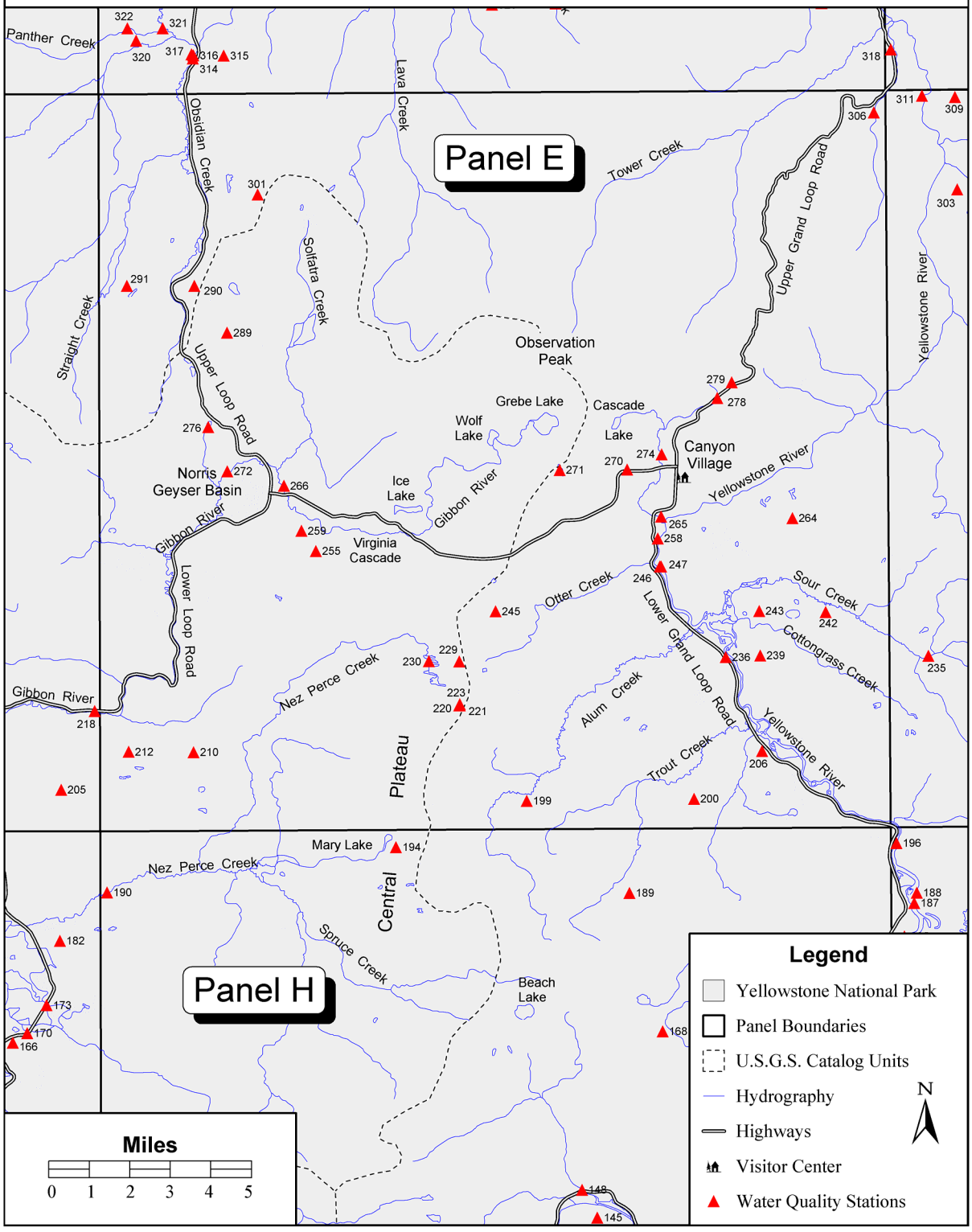



Yellowstone National Park
Water Quality Monitoring Locations
Panel C
Panel F
Custer National Forest
Gallatin National Forest
Shoshone National Forest
Montana
Wyoming
Hellroaring Creek
Wounded Man Creek
Slough Creek
Rock Creek
Stillwater River
Buffalo Creek
Lamar River
Yellowstone River
Deep Creek
Soda Butte Creek
Northeast Entrance Road
Cache Creek
Northeast Entrance
Cooke City
212
Miles
0 1 2 3 4 5
Legend
Yellowstone National Park
National Forest Boundary
Panel Boundaries
State Boundaries
U.S.G.S. Catalog Units
Study Area
Hydrography
Highways
Mines
Towns and Communities
Water Quality Stations
N


Yellowstone National Park
Water Quality Monitoring Locations
Panel D
Panel G
Gallatin Range
Mount Holmes
Gallatin National Forest
West Yellowstone
West Entrance
Madison
Madison River
West Entrance Road
Gibbon River
Duck Creek
Cougar Creek
Maple Creek
Gneiss Creek
Grayling Creek
Campanula Creek
Indian Creek
Straight Creek
Obsidian Creek
Panther Creek
Gallatin River
Tepee Creek
South Fork Madison River
Nez Perce Creek
Sentinel Creek
Idaho
Montana
Wyoming
Miles
0 1 2 3 4 5
Legend
Yellowstone National Park
National Forest Boundary
Towns and Communities
Panel Boundaries
State Boundaries
U.S.G.S. Catalog Units
Study Area
Hydrography
Highways
Mines
Water Quality Stations
N

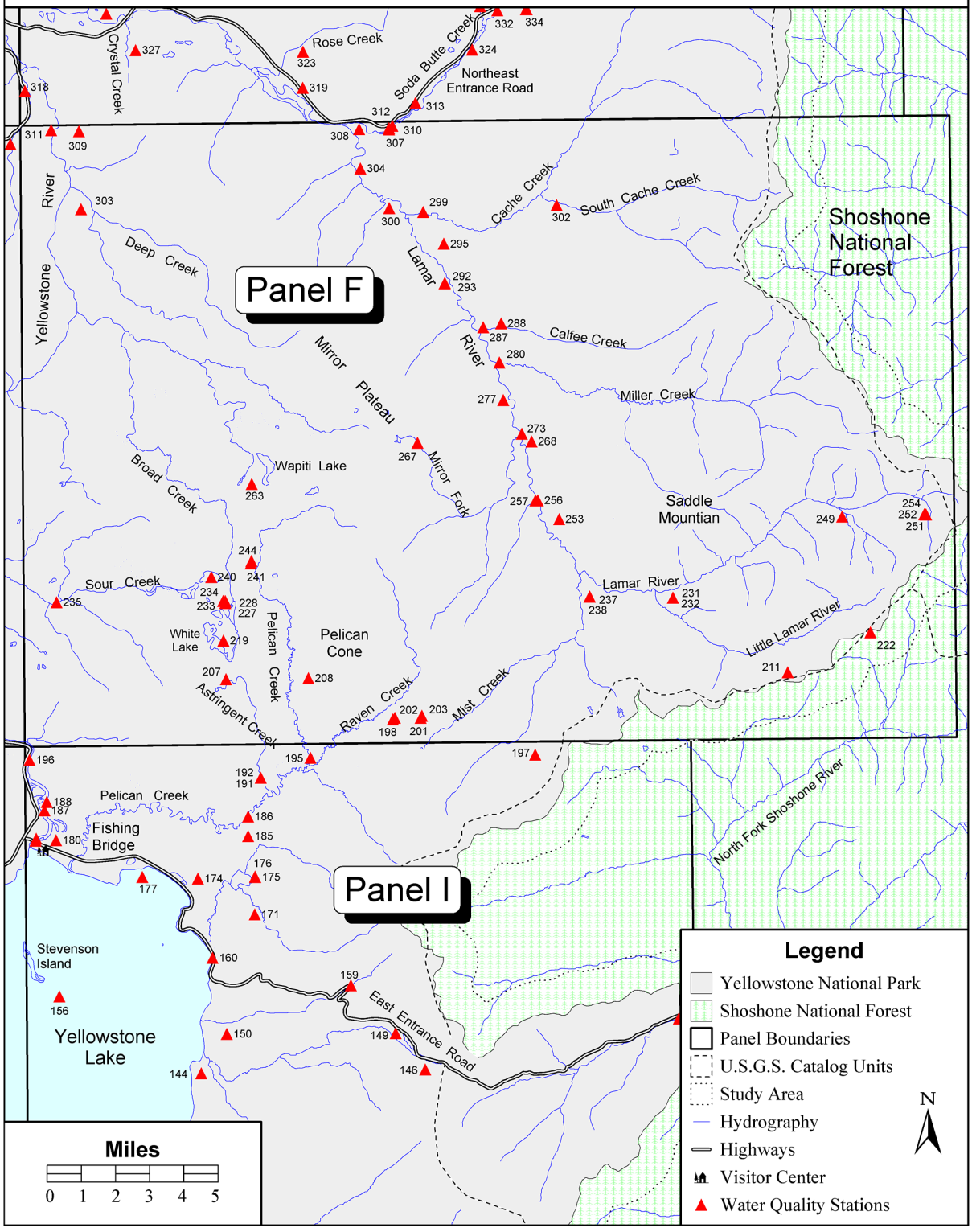
Yellowstone National Park

Water Quality Monitoring Locations



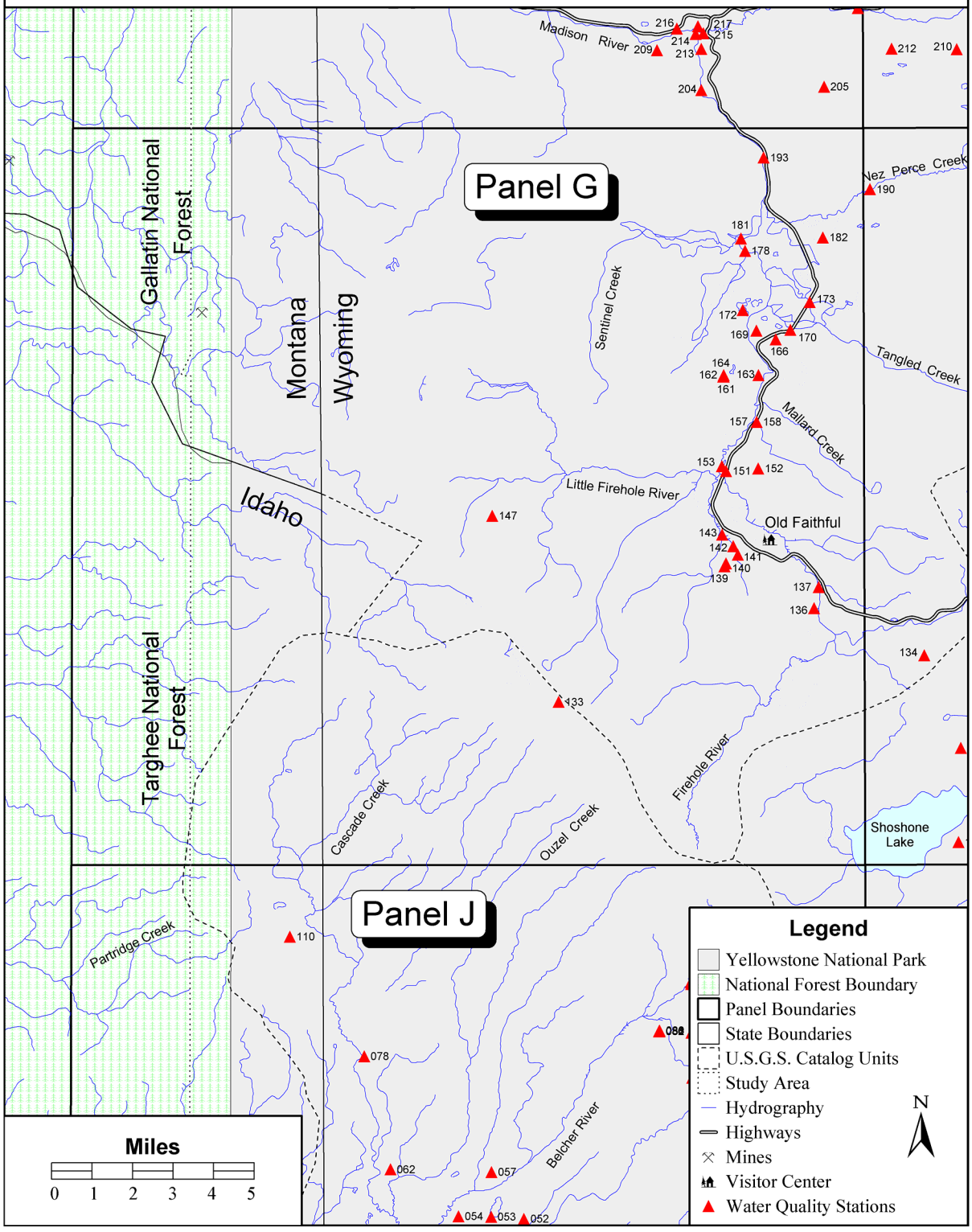
Yellowstone National Park

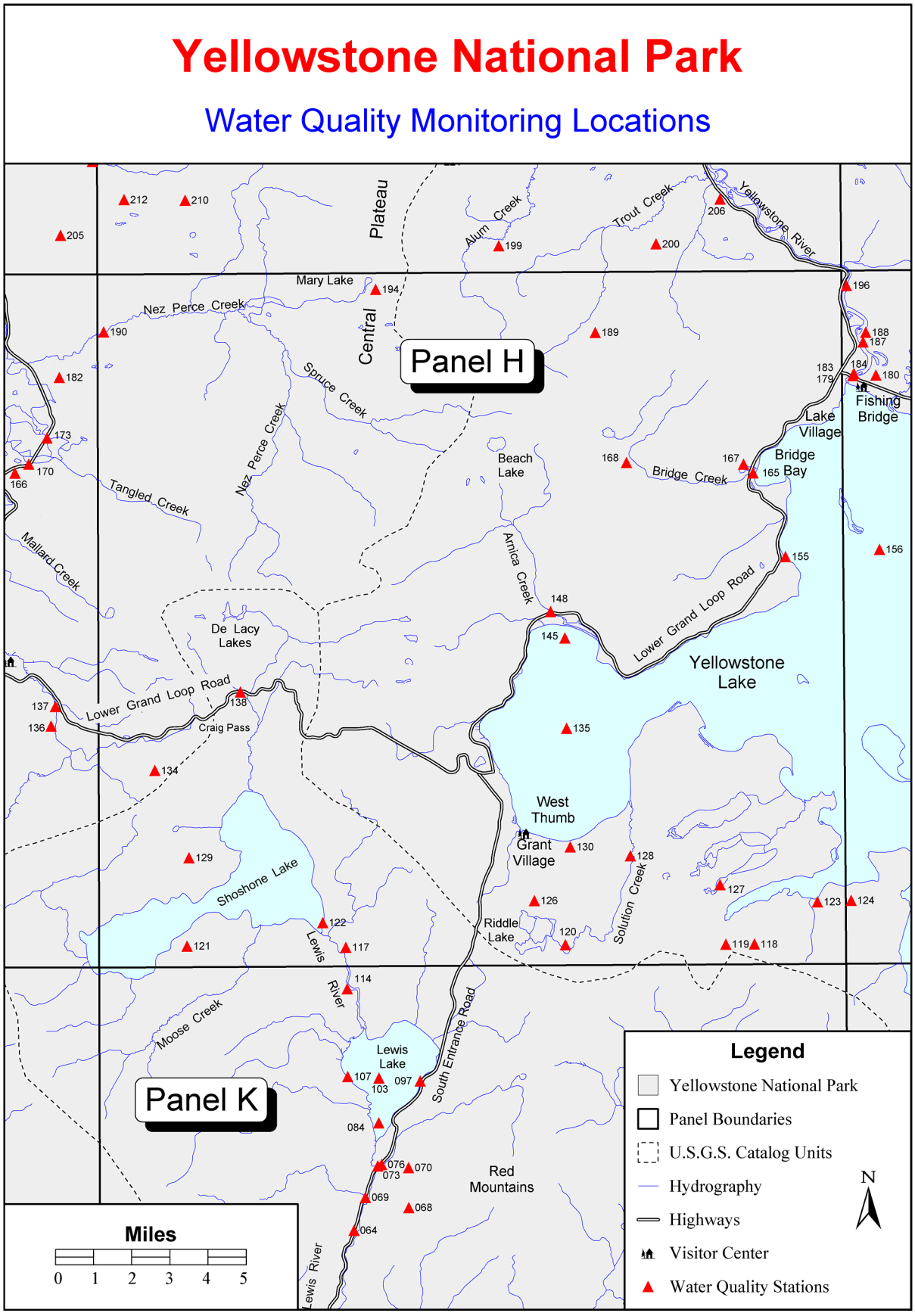
Water Quality Monitoring Locations



Yellowstone National Park

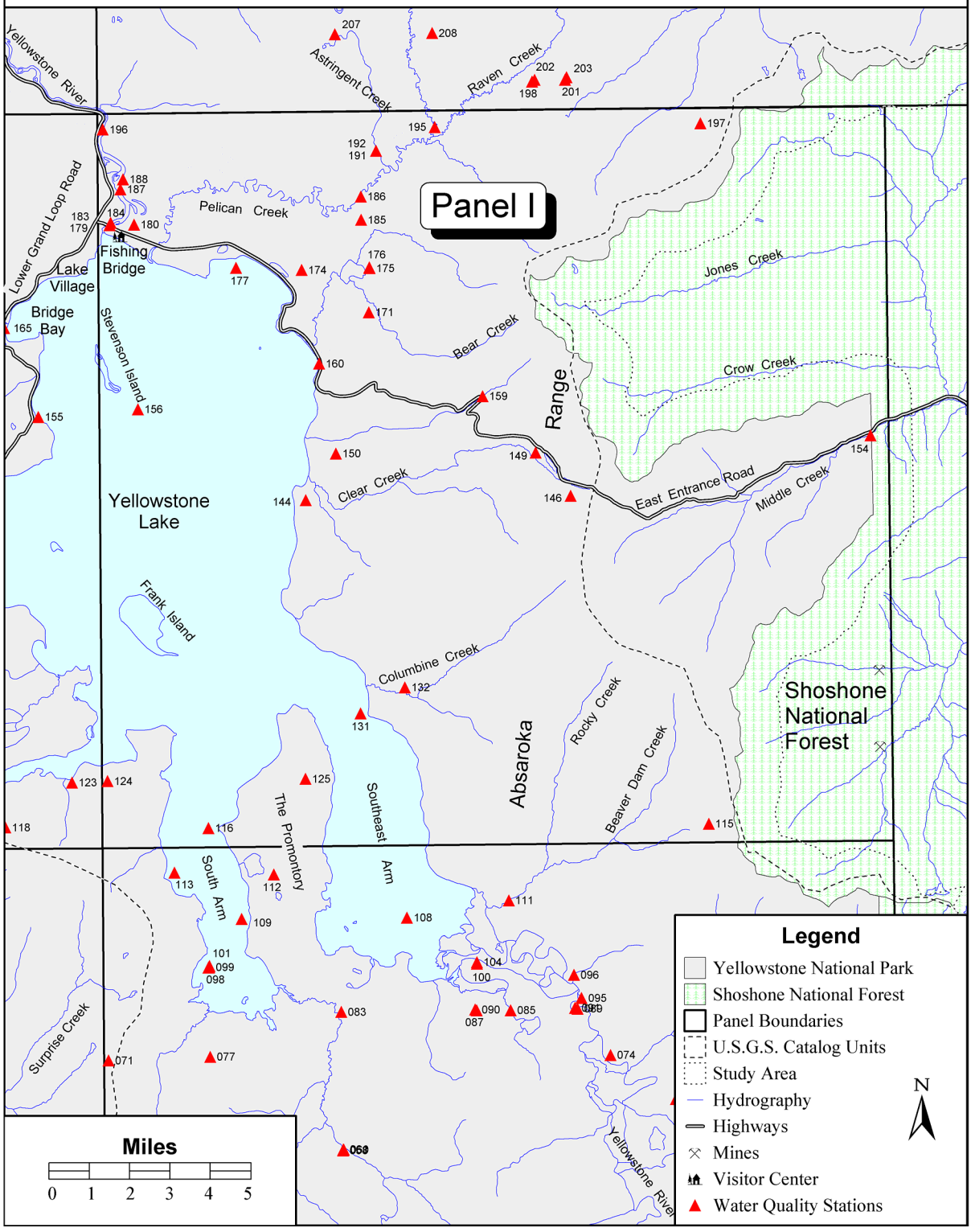
Water Quality Monitoring Locations




Yellowstone National Park
Water Quality Monitoring Locations
Panel H
Panel K
Plateau
Central
Alum Creek
Trout Creek
Yellowstone River
Mary Lake
Nez Perce Creek
Spruce Creek
Beach Lake
Bridge Creek
Lake Village
Bridge Bay
Fishing Bridge
Tangled Creek
Mallard Creek
Amica Creek
De Lacy Lakes
Lower Grand Loop Road
Craig Pass
Yellowstone Lake
West Thumb
Grant Village
Shoshone Lake
Lewis River
Riddle Lake
Solution Creek
Moose Creek
Lewis Lake
South Entrance Road
Red Mountains
Miles
0 1 2 3 4 5
Legend
Yellowstone National Park
Panel Boundaries
U.S.G.S. Catalog Units
Hydrography
Highways
Visitor Center
Water Quality Stations
N

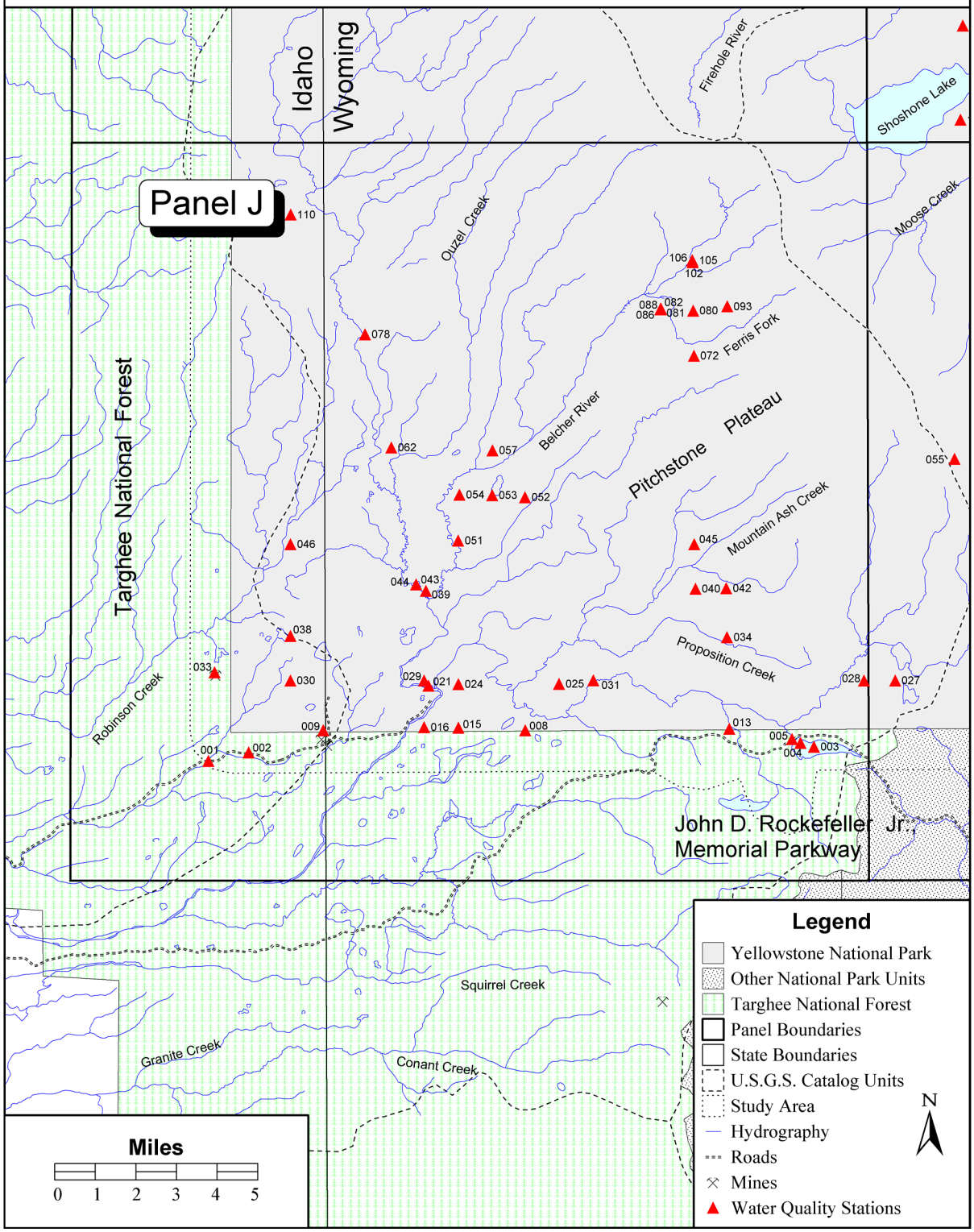
Yellowstone National Park

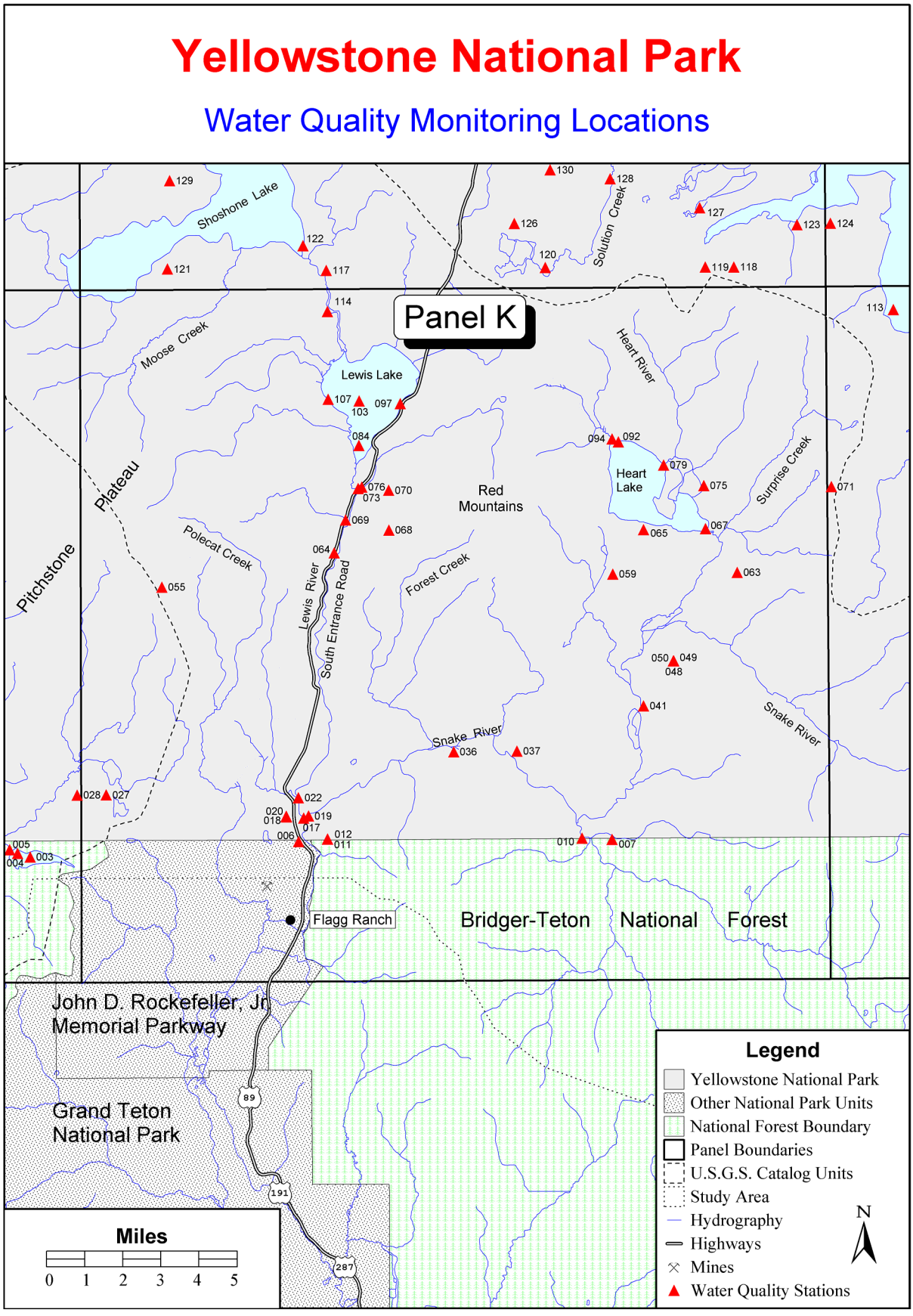
Water Quality Monitoring Locations

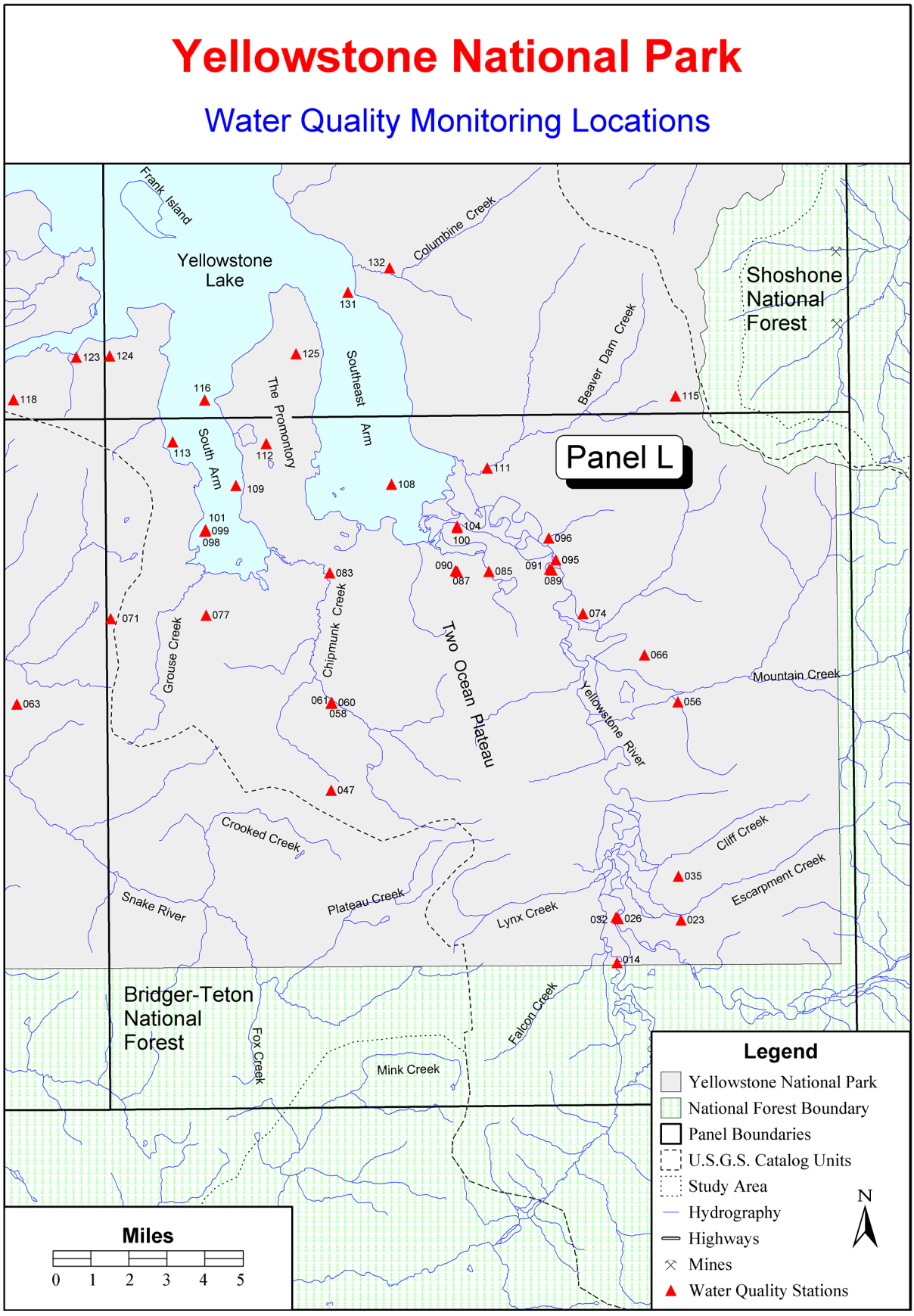


Yellowstone National Park

Water Quality Monitoring Locations



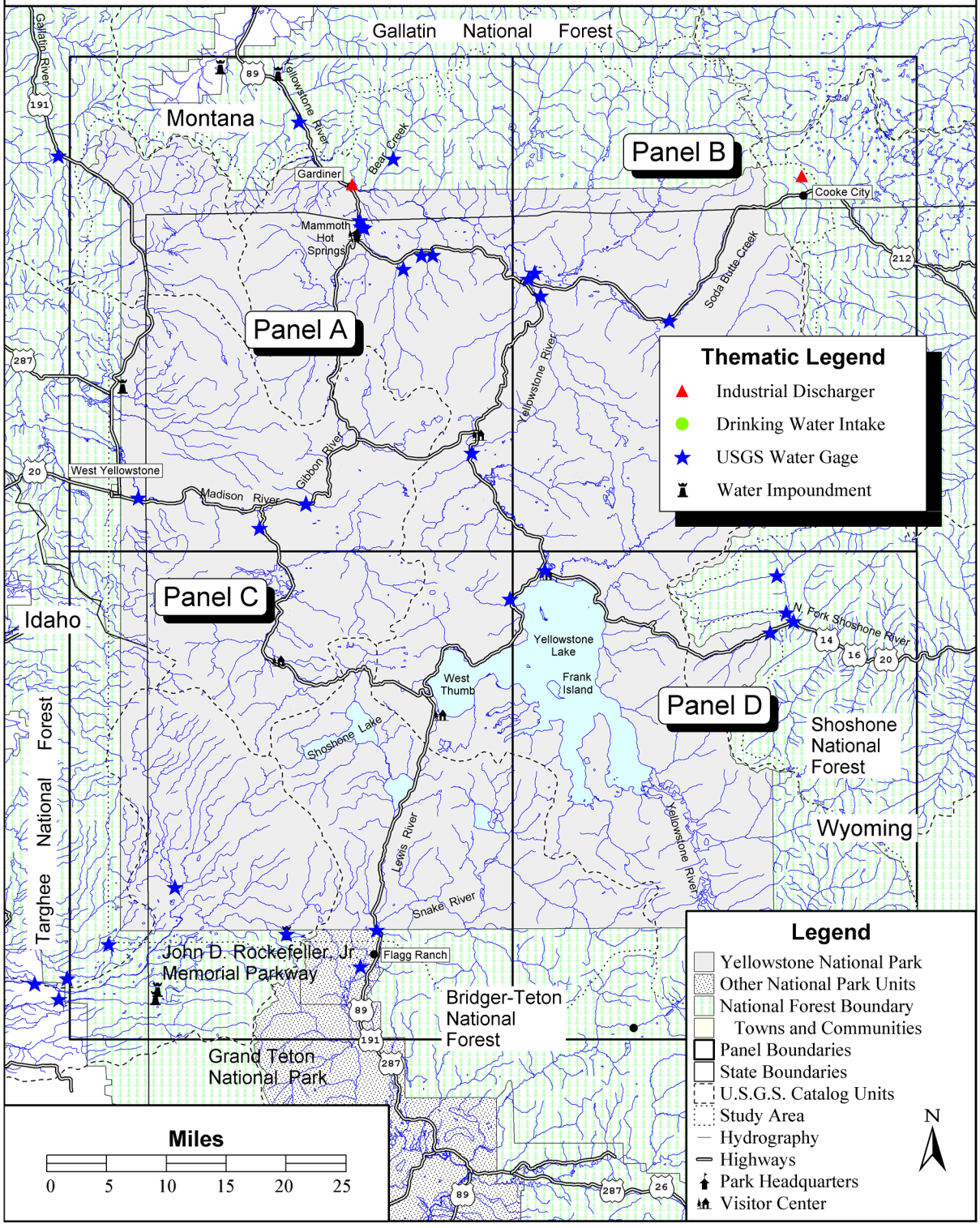

Yellowstone National Park
Water Quality Monitoring Locations
Panel K
Shoshone Lake
Lewis Lake
Moose Creek
Plateau
Pitchstone
Polecat Creek
Lewis River
South Entrance Road
Forest Creek
Red Mountains
Heart River
Heart Lake
Surprise Creek
Solution Creek
Snake River
Flagg Ranch
Bridger-Teton National Forest
John D. Rockefeller, Jr. Memorial Parkway
Grand Teton National Park
89
191
287
Miles
0 1 2 3 4 5
N
Legend
Yellowstone National Park
Other National Park Units
National Forest Boundary
Panel Boundaries
U.S.G.S. Catalog Units
Study Area
Hydrography
Highways
Mines
Water Quality Stations


Yellowstone National Park
Water Quality Monitoring Locations
Panel L
Yellowstone Lake
Frank Island
Columbine Creek
Shoshone National Forest
Beaver Dam Creek
The Promontory
Southeast Arm
South Arm
Two Ocean Plateau
Chipmunk Creek
Grouse Creek
Yellowstone River
Mountain Creek
Cliff Creek
Escarpment Creek
Crooked Creek
Plateau Creek
Snake River
Lynx Creek
Falcon Creek
Fox Creek
Mink Creek
Bridger-Teton National Forest
Miles
0 1 2 3 4 5
Legend
Yellowstone National Park
National Forest Boundary
Panel Boundaries
U.S.G.S. Catalog Units
Study Area
Hydrography
Highways
Mines
Water Quality Stations
N

Yellowstone National Park

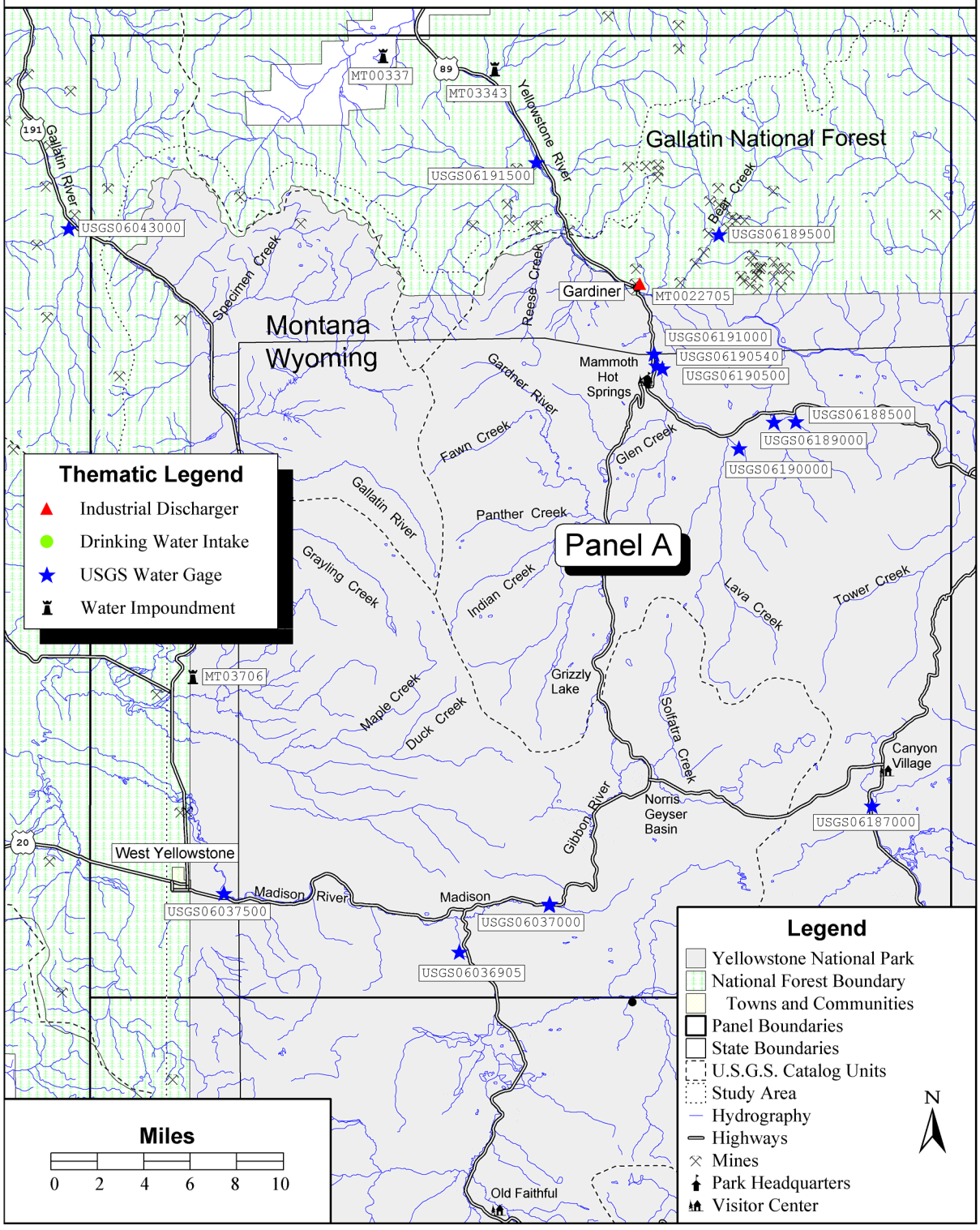
Dischargers, Drinking Intakes, Water Gages, & Impoundments

Graphic Panel Index



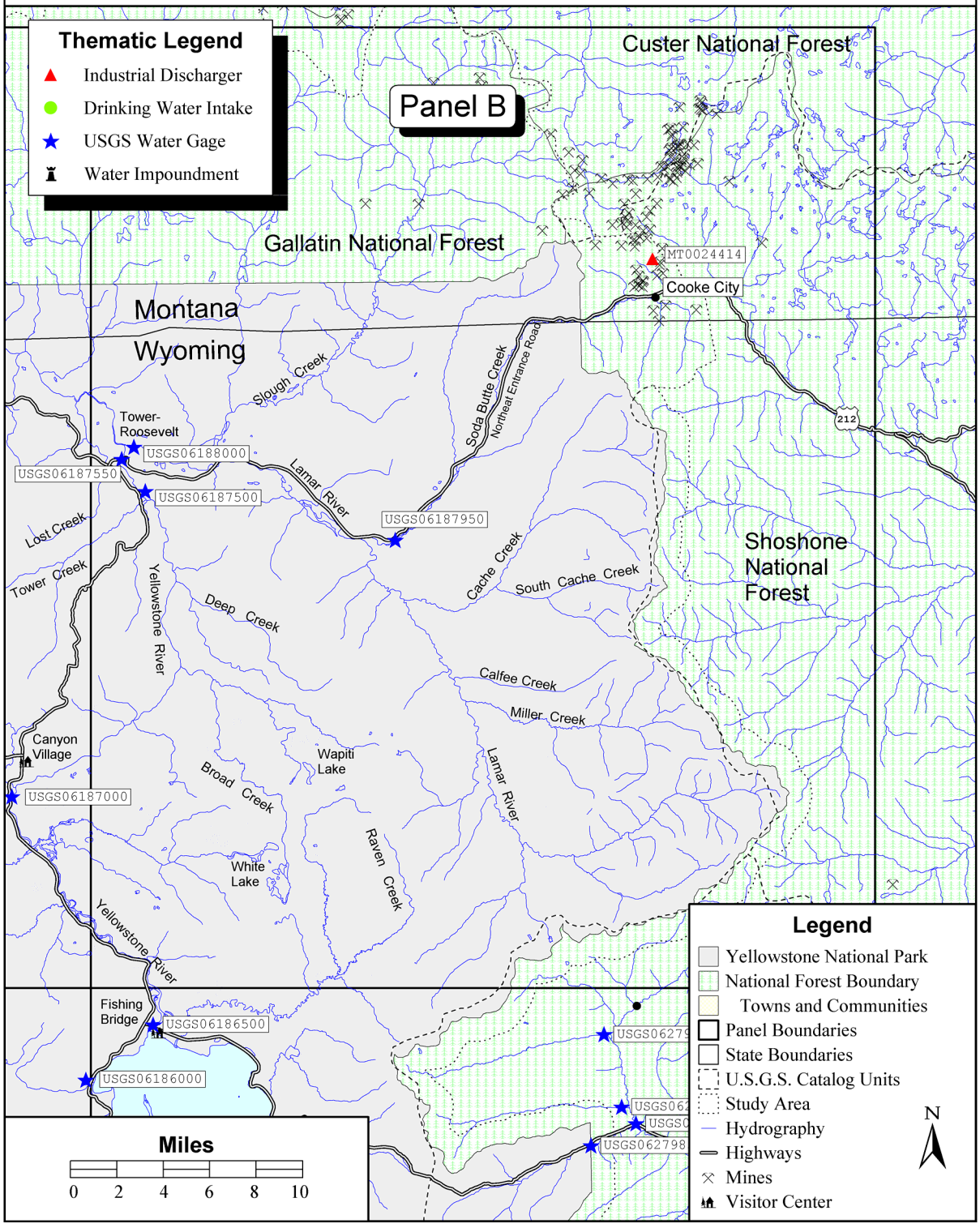
Yellowstone National Park

Dischargers, Drinking Intakes, Water Gages, & Impoundments



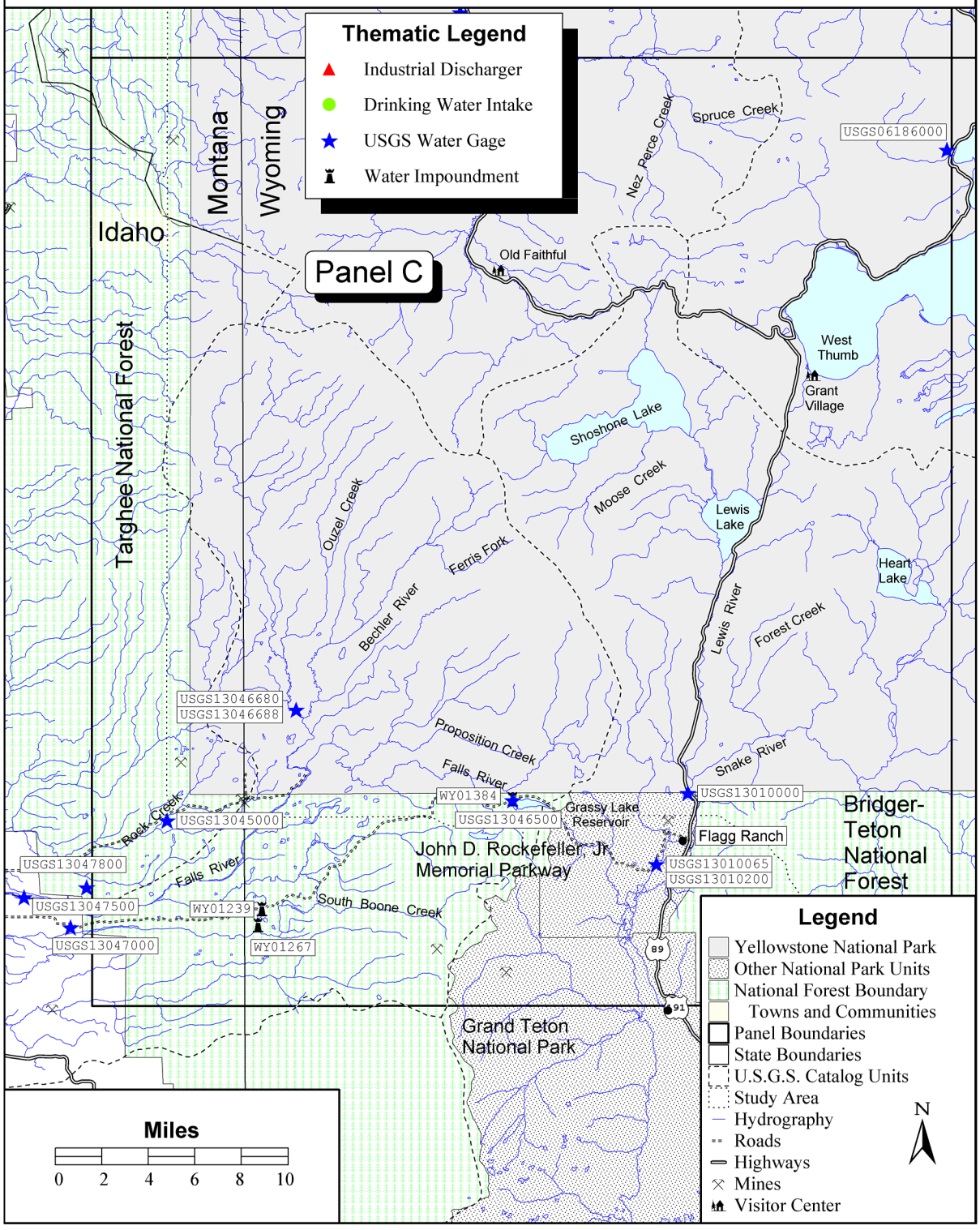
Yellowstone National Park

Dischargers, Drinking Intakes, Water Gages, & Impoundments



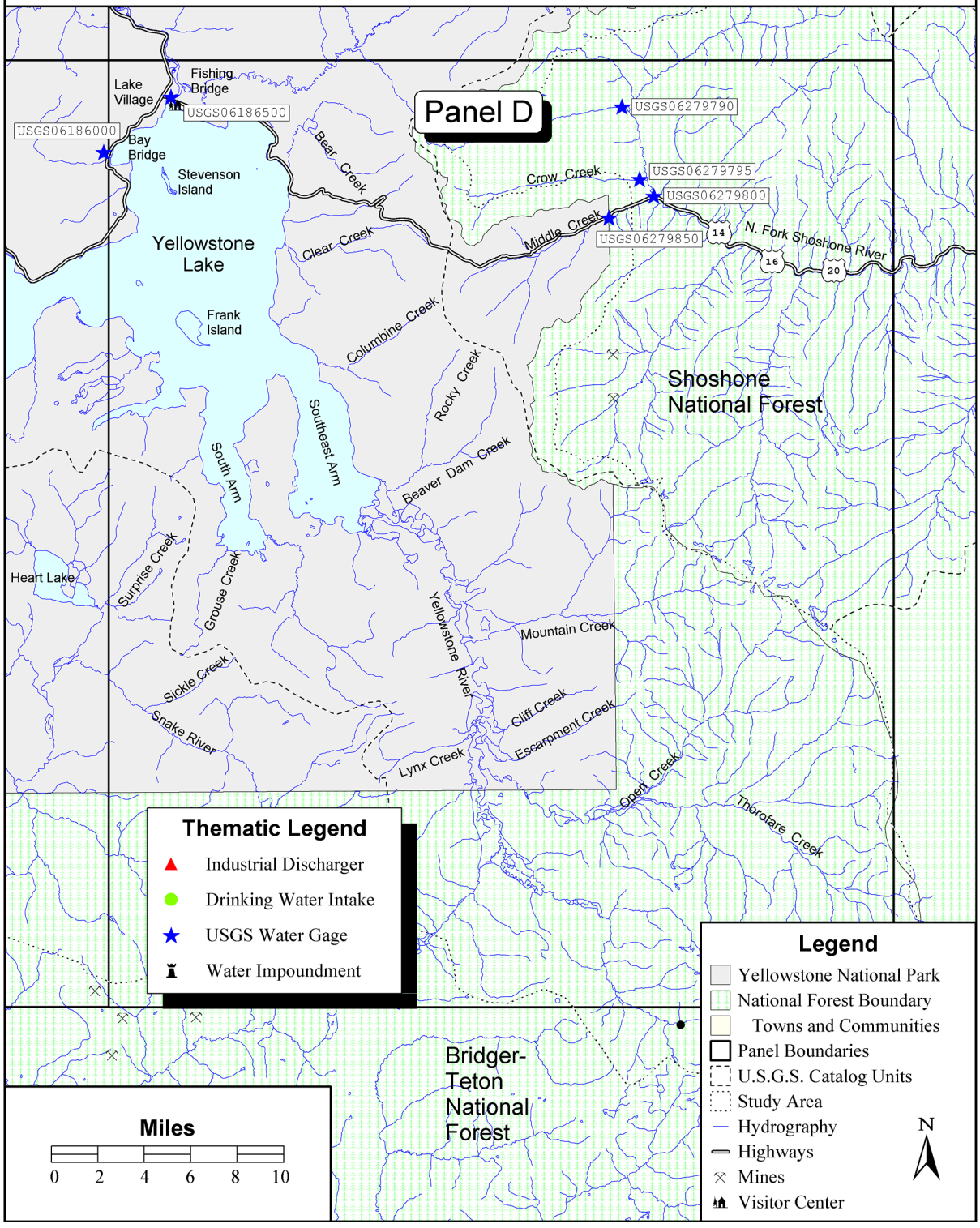
Yellowstone National Park

Dischargers, Drinking Intakes, Water Gages, & Impoundments



Yellowstone National Park

Dischargers, Drinking Intakes, Water Gages, & Impoundments



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

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
MT0022705	PARK COUNTY COMM. (GARDINER)	GARDINER SEWAGE TREATMENT	LIVINGSTON	YELLOWSTONE RIVER
MT0024414	GULF MINERAL RESOURCES CO-GULF	.....	PARK COUNTY.....	TR OF MILLER C

Drinking Water Intakes

Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)

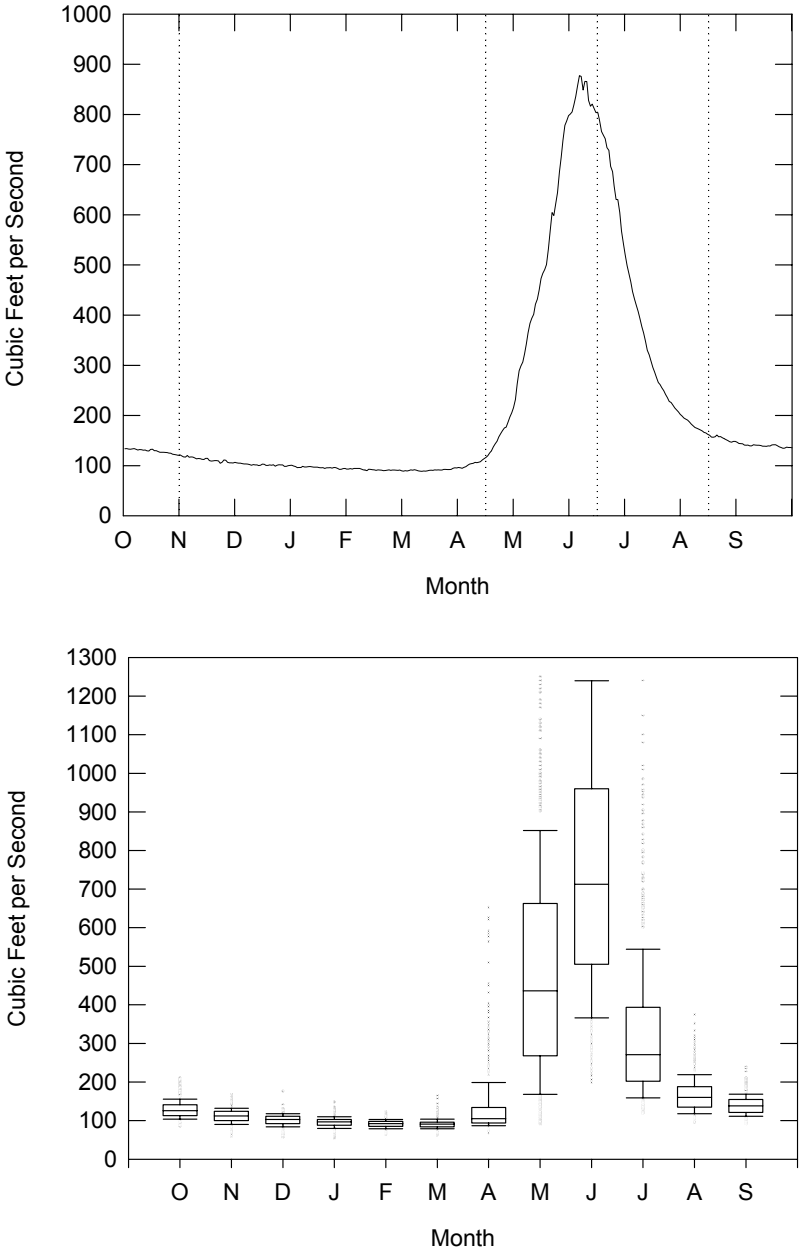
No drinking water intakes available for this study area.

USGS Stream Gages

Site ID	Station Name	Catalog Unit	Drainage Area (Square Miles)	USGS Mean Annual Flow (Cubic Feet/Second)
USGS06037000	.....	10020007	1800.00	-
USGS06037500	MADISON RIVER NEAR	10020007	2000.00	483.65
USGS06186000	YELLOWSTONE LAKE AT	10070001	1006.00	-
USGS06186500	YELLOWSTONE RIVER A	10070001	1006.00	1289.00
USGS06187500	TOWER CR AT TOWER F	10070001	5040.00	47.00
USGS06188000	LAMAR R NR TOWER FA	10070001	6000.00	826.00
USGS06190500	GARDNER R AT MAMMOT	10070001	0000.00	161.00
USGS06191000	GARDNER R NR MAMMOT	10070001	0200.00	217.37
USGS13046500	GRASSY LK NR MORAN	17040203	10.40	-

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

YELLOWSTONE NATIONAL PARK
Gardner River near Mammoth, Yellowstone National Park, WY
06191000, 38 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 Yellowstone National Park are: Nov.1 to Apr.15, Apr.16 to Jun.15, Jun.16 to Aug.15, and Aug.16 to Oct.31.

CONTACTS FOR AGENCY CODES RETRIEVED FOR YELL

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
1119USBR	ZIMMER, DAVE	US BUR OF RECLAMATION	(208)334-1905
11NPSYSP	MOHRMAN, JANA	YELLOWSTONE NAT PARK (WY)	(307)344-7381
21MTHDWQ	JARVIE, JOHN	MONTANA HEALTH DEPT	(406)444-2406
11EPALES	LAMBOU, VICTOR W.	USEPA	(702)798-2259
113FORS1	DAHL, GAIL	US FOREST SERVICE	(406)329-3759

QUANTITY OF DATA RETRIEVED FOR YELL 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	10/11/51-01/12/93	10/11/51-01/12/93	125	114	22	22	1	1	16713	16301	98	95
12WLS1	EPA ENVIRONMENTAL RES LAB	09/17/85-09/25/85	09/23/85-09/25/85	8	6	0	0	0	0	216	162	27	27
1119USBR	US BUR OF RECLAMATION	07/23/91-07/23/91	No Data in Park	2	0	0	0	0	0	204	0	49	0
11NPSYSP	YELLOWSTONE NAT PARK (WY)	07/12/74-10/10/85	07/12/74-10/10/85	286	280	7	7	200	194	10431	10431	46	46
21MTHDWQ	MONTANA HEALTH DEPT	03/21/73-04/22/92	03/16/76-06/02/87	13	3	0	0	0	0	750	96	47	37
11EPALES	USEPA	10/02/74-09/06/75	No Data in Park	3	0	0	0	0	0	204	0	8	0
113FORS1	US FOREST SERVICE	08/10/71-08/26/71	08/24/71-08/24/71	7	1	0	0	0	0	196	28	33	28
Totals		10/11/51-01/12/93	10/11/51-01/12/93	444	404	29	29	201	195	28714	27018	164	143

[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 10/11/51 To 01/12/93

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75
YELL0001	ROCK CREEK ABOVE WYOMING CREEK	No	49	0	18	31
YELL0002	09N 45E 12BAC1S	No	5	0	0	5
YELL0003	GRASSY LAKE RESERVOIR	No	27	27	0	0
YELL0004	GRASSY LAKE RESERVOIR 100 M ABOVE DAM	No	159	159	0	0
YELL0005	GRASSY CR AT GRASSY LAKE OUTLET WORKS	No	45	45	0	0
YELL0006	SNAKE R AT S BOUNDARY OF Y N PARK	No	32	0	32	0
YELL0007	HAREBELL CR. AT CONFLUENCE	No	0	0	0	0
YELL0008	WINEGAR L. FALLS R. BASIN .2KM FROM S. BOUND.YNP	Yes	39	0	39	0
YELL0009	PHONELINE L. SW YNP 1.2 KM SW OF BECHLER RAN.STA	Yes	38	0	38	0
YELL0010	COULTER CR. AT CONFLUENCE	Yes	0	0	0	0
YELL0011	SNAKE RIVER BELOW LEWIS RIVER	Yes	0	0	0	0
YELL0012	LEWIS RIVER JUST ABOVE SNAKE RIVER	Yes	0	0	0	0
YELL0013	CASCADE CR. AT CONFLUENCE TO FALLS RIVER	Yes	0	0	0	0
YELL0014	YELLOWSTONE AT BOUNDARY TRAIL CROSSING	Yes	0	0	0	0
YELL0015	FALLS RIVER BELOW CAVE FALLS	Yes	0	0	0	0
YELL0016	BECHLER RIVER ABOVE BECHLER FALLS	Yes	0	0	0	0
YELL0017	LEWIS RIVER AT MOUTH, NEAR SOUTH ENTRANCE, YNP	Yes	44	44	0	0
YELL0018	SUPPLY SPRING AT SOUTH ENTRANCE, YNP, WYO.	Yes	27	0	0	27
YELL0019	SNAKE R AB LEWIS R. SOUTH ENTRANCE, YNP, WYO.	Yes	28	0	0	28
YELL0020	SNAKE R TR AB SUPPLY SP AT S. ENTRANCE, YNP,	Yes	28	0	0	28
YELL0021	BECHLER R AT MOUTH NR BECHLER R.S. YNP WY.	Yes	27	0	0	27
YELL0022	LEWIS RIVER NR MOUTH NR SOUTH BOUNDARY YNP WY	Yes	28	0	0	28
YELL0023	ESCARPMENT CR. 50 M ABOVE TRAIL CROSSING	Yes	0	0	0	0
YELL0024	FALLS RIVER .4 KM ABOVE CONFLUENCE TO BECHLER R.	Yes	0	0	0	0
YELL0025	MOUNTAIN ASH CR. 2.4 KM ABOVE MOUTH	Yes	0	0	0	0
YELL0026	THOROFARE CREEK AT CONFLUENCE	Yes	0	0	0	0
YELL0027	FALLS RIVER @ CONFLUENCE BELOW BEULA LAKE	Yes	0	0	0	0
YELL0028	4022 AT MOUTH (LEFT FORK)	Yes	0	0	0	0
YELL0029	LILYPAD L. SW YNP 7 KM FROM BECHLER RANGER STA.	Yes	39	0	39	0
YELL0030	ROBINSON L. SW YNP 3.2 KM W. OF BECHLER RANGER S	Yes	39	0	39	0
YELL0031	PROPOSITION CREEK AT MOUTH	Yes	0	0	0	0
YELL0032	LYNX CREEK AT TRAIL CROSSING	Yes	0	0	0	0
YELL0033	10N 45E 35ABC1S	No	26	0	0	26
YELL0034	PROPOSITION CREEK ABOVE FALLS	Yes	0	0	0	0
YELL0035	CLIFF CR. AT TRAIL CROSSING	Yes	0	0	0	0
YELL0036	FOREST CREEK 45 M ABOVE MOUTH	Yes	0	0	0	0
YELL0037	RED CREEK AT MOUTH	Yes	0	0	0	0
YELL0038	BOUNDARYL.#2 NEAR L.ROBINSON CR.1.3KM BECH.RA.S.	Yes	39	0	39	0
YELL0039	BOUNDARY CREEK .8 KM ABOVE MOUTH	Yes	0	0	0	0
YELL0040	401304 AT MOUTH	Yes	0	0	0	0
YELL0041	BASIN CREEK 100 M UPSTREAM FROM MOUTH	Yes	0	0	0	0
YELL0042	MOUNTAIN ASH CREEK ABOVE UNION FALLS	Yes	0	0	0	0
YELL0043	WRONG NUMBER FOR BOUNDARY CR NR BECHLER RS	Yes	215	159	46	10
YELL0044	BOUNDARY CREEK NR BECHLER RANGER STATION Y.N.P.	Yes	126	126	0	0
YELL0045	401303 ABOVE BARRIER	Yes	0	0	0	0
YELL0046	LITTLE ROBISON L. SW YNP 12 KM FROM BECHLER RS	Yes	39	0	39	0
YELL0047	PASSAGE CREEK ABOVE 1941 FIRE	Yes	0	0	0	0
YELL0048	SNAKE RIVER ABOVE HEART RIVER	Yes	0	0	0	0
YELL0049	SNAKE RIVER ABOVE HEART RIVER	Yes	0	0	0	0
YELL0050	HEART RIVER JUST ABOVE SNAKE RIVER	Yes	0	0	0	0
YELL0051	401111 AT MOUTH	Yes	0	0	0	0
YELL0052	RANGER L. SW YNP CASCADE CORNER OF MADISON PLAT.	Yes	39	0	39	0
YELL0053	OUZEL CREEK AT MOUTH	Yes	0	0	0	0
YELL0054	WYADAHO L. S.EDGE MADISON PLATEAU 14.5KM BECH RS	Yes	39	0	39	0
YELL0055	PHANTOM SP AT PHANTOM CAMPSITE, YNP, WY	Yes	27	0	0	27
YELL0056	MOUNTAIN CREEK AT TRAIL CROSSING	Yes	0	0	0	0
YELL0057	OUZEL CREEK ABOVE FALLS	Yes	0	0	0	0
YELL0058	1121021 AT MOUTH IN CHIPMUNK BURN AREA	Yes	0	0	0	0
YELL0059	SHERIDAN L. S. CENTRAL YNP 5.8KM S. OF HEART L.	Yes	0	0	0	0
YELL0060	PASSAGE CREEK AT MOUTH	Yes	0	0	0	0
YELL0061	CHIPMUNK CR. BY CONFLUENCE WITH PASSAGE CR.	Yes	0	0	0	0
YELL0062	BOUNDARY CREEK 12.5 KM ABOVE MOUTH	Yes	0	0	0	0
YELL0063	OUTLET CREEK 46 M ABOVE HEART RIVER	Yes	0	0	0	0
YELL0064	UNNAMED SP AT PIT PLAT TR HD IN LEW CAN, YNP	Yes	27	0	0	27
YELL0065[1]	HEART L. S. YNP AT BASE OF SHERIDAN MT. 4TH LARG	Yes	1342	145	1197	0
YELL0066	TRAPPERS CREEK AT TRAIL CROSSING	Yes	0	0	0	0
YELL0067	302308 AT MOUTH (TRIB OF HEART LAKE)	Yes	0	0	0	0
YELL0068	LEWIS RIVER AT BRIDGE	Yes	0	0	0	0
YELL0069	UNNAMED TRIB TO LEWIS R BEL LEWIS FALLS YNP, WY	Yes	195	0	0	195
YELL0070	ASTER CREEK 100 M FROM MOUTH	Yes	0	0	0	0
YELL0071	OUTLET L. S.CENTRAL YNP E. OF HEART LAKE	Yes	42	0	42	0

Station Period of Record Tabulation
From 10/11/51 To 01/12/93

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75
YELL0072	FERRIS FORK .4 KM ABOVE WAHHI FALLS	Yes	0	0	0	0
YELL0073	LEWIS RIVER ABOVE ASTER CREEK, YNP	Yes	43	43	0	0
YELL0074	1210 AT MOUTH (UNAMED TRIB OF YSR)	Yes	0	0	0	0
YELL0075	BEAVER CR. .603 KM FROM MOUTH AT TRAIL CROSSING	Yes	0	0	0	0
YELL0076	ASTER CREEK AT MOUTH, NR LEWIS FALLS, YNP	Yes	45	45	0	0
YELL0077	GROUSE CR. 183 METERS UP FROM MOUTH	Yes	0	0	0	0
YELL0078	SILVER SCARP THERMAL AREA MAIN TRIB. NO. 10	Yes	9	9	0	0
YELL0079	BEAVER CR AT MOUTH AT HEART LAKE, YNP, WY	Yes	27	0	0	27
YELL0080	40111701 AT MOUTH	Yes	0	0	0	0
YELL0081	40111701 AT MOUTH	Yes	0	0	0	0
YELL0082	FERRIS FORK BELOW RAGGED FALLS	Yes	0	0	0	0
YELL0083	CHIPMUNK CR. 90 M FROM MOUTH	Yes	0	0	0	0
YELL0084	STREAM 300409 AT MOUTH	Yes	0	0	0	0
YELL0085	TRAIL CREEK AT BRIDGE	Yes	0	0	0	0
YELL0086	GREGG FORK AT MOUTH	Yes	0	0	0	0
YELL0087	TRAIL CREEK .4 KM FROM MOUTH	Yes	0	0	0	0
YELL0088	BECHLER RIVER AT THREE RIVERS JUNCTION	Yes	0	0	0	0
YELL0089	YELLOWSTONE AT CABIN CREEK	Yes	0	0	0	0
YELL0090	110802 AT MOUTH	Yes	0	0	0	0
YELL0091	CABIN CR. AT THOROFARE TRAIL CROSSING	Yes	0	0	0	0
YELL0092	HEART LAKE YNP, WY	Yes	25	0	0	25
YELL0093	GREGG FORK ABOVE TWISTER FALLS	Yes	0	0	0	0
YELL0094	WITCH CR AT MOUTH AT HEART LAKE, YNP, WY	Yes	27	0	0	27
YELL0095	YELLOWSTONE R AB CABIN C	Yes	53	0	26	27
YELL0096	CABIN C AT MOUTH NR TRAIL LK YNP WYO	Yes	27	0	0	27
YELL0097	LEWIS LAKE, YNP, WY	Yes	25	0	0	25
YELL0098	1131 AT MOUTH	Yes	0	0	0	0
YELL0099	1132 AT MOUTH	Yes	0	0	0	0
YELL0100	YELLOWSTONE RIVER .8 KM FROM MOUTH IN SE ARM	Yes	0	0	0	0
YELL0101	YELLOWSTONE L. SOUTH ARM OLI SAMPLE SITE #3	Yes	338	148	190	0
YELL0102	40111602 AT CONFLUENCE WITH PHILLPS FORK	Yes	0	0	0	0
YELL0103[!]	LEWIS L. 12ML N. OF SOUTH ENTRANCE YNP	Yes	735	0	735	0
YELL0104	YELLOWSTONE AT MOUTH IN SE ARM	Yes	0	0	0	0
YELL0105	PHILLIPS FORK AT MOUTH	Yes	0	0	0	0
YELL0106	PHILLIPS FORK AT HOURGLASS FALLS	Yes	0	0	0	0
YELL0107	STREAM 300412 AT MOUTH	Yes	0	0	0	0
YELL0108[!]	YELLOWSTONE L. SOUTHEAST ARM OLI SAMPLE SITE	Yes	908	0	908	0
YELL0109[!]	YELLOWSTONE L. SOUTH ARM OLI SAMPLE SITE # 2	Yes	1462	0	1462	0
YELL0110	BUFFALO L. BASE OF MADISON PLATEAU SW YNP	Yes	39	0	39	0
YELL0111	BEAVER DAM CR NR MOUTH	Yes	27	0	0	27
YELL0112	ALDER L.ON PROMONOTORY .25KM FORM E.SHORE S.ARM	Yes	39	0	39	0
YELL0113	1138 AT MOUTH	Yes	0	0	0	0
YELL0114	STREAM 300419 AT MOUTH	Yes	0	0	0	0
YELL0115	GLADE L. SE CORNER YNP AT BASE OF MT SHURZ	Yes	83	0	83	0
YELL0116	YELLOWSTONE LAKE SOUTH ARM OLI STATION #1	Yes	75	0	75	0
YELL0117	SUMMIT CREEK AT MOUTH	Yes	0	0	0	0
YELL0118	FLAT MTN. CREEK AT MOUTH	Yes	0	0	0	0
YELL0119	1155 AT MOUTH TIP OF FLAT MT. ARM #106	Yes	0	0	0	0
YELL0120	RIDDLE L. 4KM S. OF WEST THUMB S.CENTRAL YNP	Yes	216	0	180	36
YELL0121[!]	SHOSHONE L. S.CENTRAL YNP 2CND LARGEST LAKE YNP	Yes	309	0	309	0
YELL0122	SHOSHONE LAKE, YNP, WY	Yes	25	0	0	25
YELL0123	1150 AT MOUTH S. SIDE OF FLAT MT. ARM	Yes	0	0	0	0
YELL0124	1141 AT MOUTH	Yes	0	0	0	0
YELL0125	1118 AT MOUTH	Yes	0	0	0	0
YELL0126	DUCK L. .5 MILES NW OF W.THUMB NEAR ELEPHANTB.MT	Yes	41	0	41	0
YELL0127	(NO NAME)	Yes	27	27	0	0
YELL0128	SOLUTION CREEK .8 KM UP STREAM FROM MOUTH	Yes	0	0	0	0
YELL0129	POCKET L. SW YNP 1.9 KM W. OF SHOSHONE LAKE	Yes	40	0	40	0
YELL0130	SPR NR GV LG YNP	Yes	27	0	0	27
YELL0131	S E ARM YELLOWSTONE LAKE	Yes	25	0	0	25
YELL0132	COLUMBINE CR. AT TRAIL CROSSING	Yes	0	0	0	0
YELL0133	SUMMIT L. 12KM SW FROM BISQUIT BASIN SW YNP	Yes	37	0	37	0
YELL0134	SCAUP L. 5.8KM SE OF OLD FAITHFUL YNP	Yes	41	0	41	0
YELL0135[!]	YELLOWSTONE L. WEST THUMB OLI SAMPLE SITE	Yes	854	0	854	0
YELL0136	UNNAMED TR FR HOT SP NR WELL COF I NR OF YNP	Yes	26	0	0	26
YELL0137[!]	FIREHOLE R AB DIV DAM NR OLD FAITHFUL YNP	Yes	419	0	0	419
YELL0138	HERRON C NR OF YNP WY	Yes	138	0	0	138
YELL0139	WEST FORK IRON SPRING CREEK AT HEAD OF CANYON	Yes	0	0	0	0
YELL0140	WEST FORK IRON SPRING CREEK NEAR EMERALD POOL	Yes	0	0	0	0
YELL0141[!]	IRON SPRING CREEK ABOVE OLD FAITHFUL SEWAGE LAG	Yes	217	9	208	0
YELL0142[!]	IRON SPRING CREEK BELOW OLD FAITHFUL SEWAGE LAG	Yes	215	7	208	0

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YELL0143	IRON SPRING CR NR OLD FAITHFUL YNP, WY	Yes	197	0	29	168
YELL0144	CLEAR CR. AT MOUTH	Yes	0	0	0	0
YELL0145	ARNICA CREEK .8 KM FROM MOUTH	Yes	0	0	0	0
YELL0146	SYLVAN L. E.ENTRANCE RD YNP NEAR SYLVAN PASS	Yes	154	34	120	0
YELL0147	LITTLE FIREHOLE RIVER WEST OF FIREHOLE MEADOWS	Yes	0	0	0	0
YELL0148	ARNICA C NR W THUMB, YNP, WY	Yes	195	0	0	195
YELL0149	CLEAR CR. 15.1 KM UPSTREAM FROM MOUTH	Yes	0	0	0	0
YELL0150	CUB CR. AT MOUTH	Yes	0	0	0	0
YELL0151	FIREHOLE RIVER, REACH 1	Yes	0	0	0	0
YELL0152	FIREHOLE RIVER REACH 2	Yes	0	0	0	0
YELL0153	FIREHOLE R BEL UPPER GEYSER BASIN, YNP	Yes	4	0	0	4
YELL0154[1]	MIDDLE CR AT E ENTRANCE YNP WY	Yes	250	0	0	250
YELL0155	YELLOWSTONE LK NR SAND POINT YNP WYO	Yes	25	0	0	25
YELL0156[1]	YELLOWSTONE L. SE STEVENSON ISLAND OLI SITE	Yes	868	0	868	0
YELL0157	GOOSENECK L. 2KM S. OF GOOSE LAKE W. OF NORRIS G	Yes	41	0	41	0
YELL0158	UPPER GOOSENECK L. .8KM S. OF GOOSENECK L. W.NOR	Yes	39	0	39	0
YELL0159	CUB C AT EAST ENTRANCE RD, YNP, WY	Yes	167	0	0	167
YELL0160	YELLOWSTONE LK NR LAKE BUTTE YNP WYO	Yes	25	0	0	25
YELL0161	FAIRY CREEK BELOW FAIRY FALLS	Yes	0	0	0	0
YELL0162	FAIRY CREEK BELOW FAIRY FALLS	Yes	0	0	0	0
YELL0163	FIREHOLE RIVER ONE KM UP FROM GOOSE LAKE	Yes	0	0	0	0
YELL0164	FAIRY CREEK 200 YDS DOWNSTREAM OF TRAILHEAD	Yes	0	0	0	0
YELL0165	BRIDGE CR NR FISHING BRIDGE YNP, WY	Yes	196	0	0	196
YELL0166	SPRING AT WHISKEY FLATS PICNIC AREA, YNP, WYO	Yes	28	0	0	28
YELL0167	YELLOWSTONE LAKE AT BRIDGE BAY, YNP	Yes	21	0	0	21
YELL0168	DRYAD L. W.OF YELL.LAKE NEAR ELEPHANT BACK MT.	Yes	38	0	38	0
YELL0169	GOOSE L.2.3M FROM NORRIS GEYSER BASIN YNP	Yes	40	0	40	0
YELL0170	FIREHOLE RIVER (REACH 4) NEAR FEATHER LAKE	Yes	0	0	0	0
YELL0171	BEAR CREEK 100 M FROM MOUTH	Yes	0	0	0	0
YELL0172	GOOSE LAKE	Yes	27	27	0	0
YELL0173	TANGLED CR NR FOUNTAIN P.P. YNP, WY	Yes	24	0	0	24
YELL0174	BEACH SPRINGS L. E.ENTR.RD YNP 7.2KM LAKE JUNCTI	Yes	41	0	41	0
YELL0175	SEDGE CREEK AT FOREST EDGE ABOVE TURBID LAKE	Yes	0	0	0	0
YELL0176	SEDGE CREEK AT CONFLUENCE WITH TURBID LAKE	Yes	0	0	0	0
YELL0177	SQUAW L.(INDIAN POND)4.5KM FROM FISHING BRIDGE	Yes	81	0	81	0
YELL0178	FAIRY CR NR FOUNTAIN PAINT POT YNP, WY	Yes	28	0	0	28
YELL0179	YELLOWSTONE RIVER AT FISHING BRIDGE YNP	Yes	32	0	32	0
YELL0180	YELLOWSTONE AT FISHING BRIDGE	Yes	0	0	0	0
YELL0181	SENTINEL CR NR FOUNTAIN PAINT POT YNP, WY	Yes	28	0	0	28
YELL0182	NEZ PERCE CR. AT HIGHWAY BRIDGE	Yes	0	0	0	0
YELL0183	YELLOWSTONE RIVER AT YELLOWSTONE LK OUTLET, YNP	Yes	485	321	137	27
YELL0184[1]	YELLOWSTONE RIVER AT FISHING BRIDGE YNP	Yes	131	9	122	0
YELL0185	PELICAN C. BL ASTRINGENT C, YNP, WY	Yes	27	0	0	27
YELL0186	PELICAN C BL ASTRINGENT C. YNP, WYO.	Yes	27	0	0	27
YELL0187[1]	YELLOWSTONE RIVER BEL FISHING BRIDGE	Yes	187	7	180	0
YELL0188	YELLOWSTONE RIVER BELOW FISHING BR LAGOONS YNP	Yes	48	9	39	0
YELL0189	TROUT L.TRAIL LVS RD 11.6MLSSW FROM NE ENT. YNP	Yes	36	0	36	0
YELL0190[1]	NEZ PERCE CR NR FOUNTAIN PAINT POT YNP, WY	Yes	247	0	0	247
YELL0191	QW BACKFILE	Yes	0	0	0	0
YELL0192	ASTRINGENT C AT MOUTH, YNP, WYO.	Yes	28	0	0	28
YELL0193	FIREHOLE R BEL LOWER GEYSER BASIN, YNP	Yes	4	0	0	4
YELL0194	MARY L. CENTRAL PLATEAU SW OF MARY MT YNP	Yes	37	0	37	0
YELL0195	PELICAN CK NEAR CABIN + RAVEN CK CONFLUENCE	Yes	0	0	0	0
YELL0196	THISTLE CREEK 200M ABOVE OUTLET	Yes	0	0	0	0
YELL0197	COLD CR. @ TRIB FROM CATHEDRAL AND PYRAMID PK.	Yes	0	0	0	0
YELL0198	10851203 AT MOUTH	Yes	0	0	0	0
YELL0199	ALUM CREEK ABOVE TRIB 106105	Yes	0	0	0	0
YELL0200	TROUT CREEK AT DUMPSITE	Yes	0	0	0	0
YELL0201	RAVEN CREEK ABOVE FALLS	Yes	0	0	0	0
YELL0202	RAVEN CREEK BELOW FALLS	Yes	0	0	0	0
YELL0203	10851204 AT MOUTH	Yes	0	0	0	0
YELL0204	FIREHOLE RIVER NEAR WEST YELLOWSTONE MT	Yes	604	486	118	0
YELL0205	OLD HOTEL SP NR PAINT POT FOUNTAIN YELLOWSTON	Yes	24	0	0	24
YELL0206	ELK ANTLER CR. AT HIGHWAY BRIDGE	Yes	0	0	0	0
YELL0207	WEST WHITE L. E.CENTRAL YNP N.OF PELICAN VALLEY	Yes	38	0	38	0
YELL0208	SLIME CREEK AT MOUTH	Yes	0	0	0	0
YELL0209	HARLEQUIN L. 3.2KM W. OF MADISON JUNCTION YNP	Yes	40	0	40	0
YELL0210	CANYON CR. 2.7 KM ABOVE MOUTH	Yes	0	0	0	0
YELL0211	1033471 AT MOUTH (LITTLE LAMAR TRIB)	Yes	0	0	0	0
YELL0212	CANYON CR. AT MOUTH	Yes	0	0	0	0
YELL0213	SUPPLY SPRING AT MADISON JCT. YNP	Yes	25	0	0	25

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YELL0214[1]	FIREHOLE R AT MADISON JCT. YNP, WY	Yes	221	0	0	221
YELL0215	GIBBON R AT GRAND L RD BR AT MADISON J YNP WY	Yes	26	0	0	26
YELL0216[1]	MADISON RIVER BEL MADISON JUNCTION	Yes	180	7	173	0
YELL0217[1]	MADISON RIVER NR MADISON JUNCTION	Yes	182	9	173	0
YELL0218	GIBBON RIVER NEAR WEST YELLOWSTONE MT	Yes	668	550	118	0
YELL0219	EAST WHITE L. E.CENTRAL YNP N.PELICAN VALLEY	Yes	38	0	38	0
YELL0220	CYGNET L. CENTRAL PLATEAU N. OF MARY MT.	Yes	41	0	41	0
YELL0221	CYGNET L.#2, CENTRAL PLATEAU N. OF MARY MT.	Yes	41	0	41	0
YELL0222	LITTLE LAMAR RIVER 100 M ABOVE TRIB 10334718	No	0	0	0	0
YELL0223	CYGNET L.#3, CENTRAL PLATEAU N. OF MARY MT.	Yes	41	0	41	0
YELL0224[1]	MADISON RIVER NEAR WEST YELLOWSTONE, MT.	Yes	1613	1506	103	4
YELL0225	WOOD R. NR MISSOULA ,MT	Yes	6	6	0	0
YELL0226	13S05E34BC 01	No	26	0	26	0
YELL0227	E.TERN L. N.OF PELICAN VALLEY BETWEEN FERN&WHITE	Yes	38	0	38	0
YELL0228	W.TERN L. N.OF PELICAN VALLEY BETWEEN FERN&WHITE	Yes	38	0	38	0
YELL0229	CYGNET L.#4, CENTRAL PLATEAU N. OF MARY MT.	Yes	82	0	82	0
YELL0230	CYGNET L.#5, CENTRAL PLATEAUN. OF MARY MT.	Yes	41	0	41	0
YELL0231	LAMAR RIVER ABOVE LITTLE LAMAR RIVER	Yes	0	0	0	0
YELL0232	LITTLE LAMAR RIVER AT MOUTH	Yes	0	0	0	0
YELL0233	BROAD CREEK 19.31 KM ABOVE MOUTH	Yes	0	0	0	0
YELL0234	FERN L. E.YNP N.OF PELICAN VALLEY&SW MIRROR PLAT	Yes	38	0	38	0
YELL0235	DEWDROP L. 12KM N.OF FISHING BRIDGE CENTRAL YNP	Yes	41	0	41	0
YELL0236	ALUMCK 20M ABOVE HIGHWAY BRIDGE AT MOUTH	Yes	0	0	0	0
YELL0237	LAMAR RIVER ABOVE COLD CREEK	Yes	0	0	0	0
YELL0238	COLD CR. @ CONFLUENCE TO LAMAR RIVER	Yes	0	0	0	0
YELL0239	COTTONGRASS CR. @ HOWARD EATON TRAIL	Yes	0	0	0	0
YELL0240	FERN LAKE	Yes	27	27	0	0
YELL0241	BROAD CREEK 18.48 KM ABOVE MOUTH	Yes	0	0	0	0
YELL0242	WRANGLER L. 4.8KM S.OF GRAND CANYON AT ARTIST PT	Yes	38	0	38	0
YELL0243	SOUR CREEK AT HOWARD EATON TRAIL	Yes	0	0	0	0
YELL0244	BROAD CREEK 15.69 KM ABOVE MOUTH	Yes	0	0	0	0
YELL0245	VIRGINIA L. 1ML SW ON PLATEAU TRAIL OFF CAN-NOR	Yes	117	0	79	38
YELL0246	OTTER CREEK AT MOUTH	Yes	0	0	0	0
YELL0247	OTTER CR. 100 M ABOVE HIGHWAY BRIDGE	Yes	0	0	0	0
YELL0248	MADISON RIVER AT PARK BOUNDARY	Yes	0	0	0	0
YELL0249	103360 (LAMAR R TRIB) AT MOUTH	Yes	0	0	0	0
YELL0250	COUGAR CR. BY PATROL CABIN	Yes	0	0	0	0
YELL0251	LAMAR RIVER JUST ABOVE TRIB 103375	Yes	0	0	0	0
YELL0252	103373 AT MOUTH (LAMAR R TRIB)	Yes	0	0	0	0
YELL0253	WILLOW CREEK AT CONFLUENCE	Yes	0	0	0	0
YELL0254	103368 AT MOUTH (LAMAR RIVER TRIB.)	Yes	0	0	0	0
YELL0255	CASTLE C BL DIVDAM NORRIS JUNC YELLOWSTONE N	Yes	26	0	0	26
YELL0256	LAMAR R AB WILLOW C YNP WY.	Yes	27	0	0	27
YELL0257	WILLOW CR AT MOUTH YNP, WY	Yes	27	0	0	27
YELL0258	YELLOWSTONE RIVER NEAR CANYON HOTEL, YNP	Yes	27	0	0	27
YELL0259	CASTLE C TURNAROUND IN ROAD, NR NORRIS JCT	Yes	24	0	0	24
YELL0260	MADISON RIVER ABOVE HEBGEN LAKE	No	225	103	103	19
YELL0261	MADISON RIVER	No	52	0	30	22
YELL0262	MADISON R AB HEBGEN LAKE NR WEST YELLOWSTONE MT	No	6	6	0	0
YELL0263	WAPITI L. SW MIRROR PLAT.& N. PELICAN VALLEY	Yes	38	0	38	0
YELL0264	RIBBON L. S. RIM OF THE GRAND CANYON YNP	Yes	40	0	40	0
YELL0265	CASCADE CR. .5 KM SOUTH OF CANYON-NORRIS RD.	Yes	0	0	0	0
YELL0266[1]	GIBBON R NR NORRIS JET. YNP	Yes	247	0	0	247
YELL0267	MIRROR L. NE YNP ON SOUTHERN MIRROR PLATEAU	Yes	38	0	38	0
YELL0268	TIMOTHY CREEK AT CONFLUENCE	Yes	0	0	0	0
YELL0269	MAPLE CR. AT GNEISS CREEK TRAIL CROSSING	Yes	0	0	0	0
YELL0270	CASCADE L. NE SOLFATARA PLATEAU CENTRAL YNP	Yes	41	0	41	0
YELL0271	GREBE L. 4MI NW OF CANYON HEADWATERS OF GIBBON	Yes	39	0	39	0
YELL0272	NYMPH L. 2 ML NW OF NORRIS JUNCTION YNP	Yes	36	0	0	36
YELL0273	TIMOTHY C AT MOUTH YNP, WY	Yes	27	0	0	27
YELL0274[1]	CASCADE C. AB. DIV. NR. CANYON VILLAGE, YNP,	Yes	79	0	0	79
YELL0275	MAPLE CREEK AT CONFLUENCE WITH SOUTH FORK	Yes	0	0	0	0
YELL0276	NYMPH LAKE	Yes	27	27	0	0
YELL0277	MILLER CREEK AT CONFLUENCE	Yes	0	0	0	0
YELL0278	CASCADE CR TR AB DIV DAM NR CANYON VILLAGE	Yes	25	0	0	25
YELL0279	SULPHUR CR TR AB DIV DAM NR CANYON VILLAGE	Yes	25	0	0	25
YELL0280	MILLER C AT MOUTH YNP, WY	Yes	27	0	0	27
YELL0281	COUGAR CREEK AT HIWAY 287	No	123	0	104	19
YELL0282	COUGAR CREEK	No	76	0	54	22
YELL0283	COUGAR CREEK NR MOUTH NR WEST YELLOWSTONE MT	No	38	38	0	0
YELL0284	DUCK CREEK	No	76	0	54	22

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YELL0285	DUCK CR AB COUGAR CR NEAR WEST YELLOWSTONE MT	No	38	38	0	0
YELL0286	DUCK CREEK AT HI-WAY 191 BRIDGE AT HIWAY	No	123	0	104	19
YELL0287	CALFEE C AT MOUTH YNP, WY	Yes	27	0	0	27
YELL0288	CALFEE CR. @ LAMAR RIVER TRAIL CROSSING	Yes	0	0	0	0
YELL0289	LAKE OF THE WOODS, FOOT OF LANDMARK PEAK S. OBSI	Yes	39	0	0	39
YELL0290	BEAVER L. OFF NOR-MAM RD ON OBSIDIAN CK YNP	Yes	39	0	39	0
YELL0291	GRIZZLY L. N OF ROARING MT ON MAM-NOR RD YNP	Yes	39	0	39	0
YELL0292	TWIN CREEK NEAR MOUTH	Yes	0	0	0	0
YELL0293	LAMAR RIVER NEAR TWIN CREEK 100 M DOWMSTREAM	Yes	0	0	0	0
YELL0294	GRAYLING CR. AT PARK BOUNDARY	Yes	0	0	0	0
YELL0295	CACHE CR. 450 METERS ABOVE CONFLUENCE	Yes	0	0	0	0
YELL0296	LOWER TRILOBITE L.NW YNP BETWEEN DOME MT & HOLME	Yes	81	0	81	0
YELL0297	UPPER TRILOBITE L. NW YNP BETWEEN DOME& HOLME MT	Yes	41	0	41	0
YELL0298	(NO NAME)	Yes	27	27	0	0
YELL0299	CACHE C AT MOUTH YNP, WY	Yes	27	0	0	27
YELL0300	OPAL CREEK AT MOUTH	Yes	0	0	0	0
YELL0301	OBSIDIAN L. 2.5KM E.NOR-MAM RD CENTRAL YNP	Yes	41	0	41	0
YELL0302	SOUTH CACHE CREEK 100 M ABOVE OUTLET	Yes	0	0	0	0
YELL0303	DEEP CR. AT CONFLUENCE	Yes	0	0	0	0
YELL0304	CHALCEDONY CREEK @ MOUTH	Yes	0	0	0	0
YELL0305	GALLATIN L. HEADWATERS OF GALLATIN R. NW YNP	Yes	41	0	41	0
YELL0306	SUPPLY SP NR TOWER FALL, YNP, WY	Yes	28	0	0	28
YELL0307	SODA BUTTE CREEK NEAR LAMAR TRAILHEAD	Yes	0	0	0	0
YELL0308	SODA BUTTE CREEK AT CONFLUENCE OF LAMAR RIVER	Yes	0	0	0	0
YELL0309	QUARTZ CREEK .2 KM FROM MOUTH	Yes	0	0	0	0
YELL0310	FOSTER L. NE YNP NW FO SODABUTTE CK S.OF DRUID P	Yes	36	0	36	0
YELL0311	ANTELOPE CREEK 2.01 KM FROM MOUTH	Yes	0	0	0	0
YELL0312	SODA BUTTE CREEK NR LAMAR RANGER STATION YNP	Yes	307	307	0	0
YELL0313	SODA BUTTE SP AT SODA BUTTE, YNP, WY	Yes	28	0	0	28
YELL0314	OBSIDIAN C NR MAMMOTH YNP,WY	Yes	28	0	0	28
YELL0315	OBSIDIAN CREEK AT CONFLUENCE	Yes	0	0	0	0
YELL0316	GARDNER RIVER AT OBSIDIAN CREEK	Yes	0	0	0	0
YELL0317	INDIAN CREEK AT CONFLUENCE	Yes	0	0	0	0
YELL0318	TOWER CREEK AT CONFLUENCE	Yes	0	0	0	0
YELL0319	ROSE CREEK ABOVE TRIPLE SPLIT	Yes	0	0	0	0
YELL0320	INDIAN C DIV NR MAMMOTH YNP, WYO	Yes	27	0	0	27
YELL0321[!]	GARDNER R AB DIV DAM NR MAMMOTH YNP	Yes	208	0	0	208
YELL0322	PANTHER C AB DIV DAM NR MAMMOTH YNP, WY	Yes	27	0	0	27
YELL0323	ROSE CREEK 1 KM UPSTREAM FROM LAMAR STATION	Yes	0	0	0	0
YELL0324	SODA BUTTE CREEK AT ROUND PRAIRIE	Yes	0	0	0	0
YELL0325	LOST L. 1MILE W. OF TOWER RANGER STATION N.YNP	Yes	37	0	0	37
YELL0326	BLACKTAIL DEER CREEK,LEFT FORK,END OF SERVICE RD	Yes	0	0	0	0
YELL0327	CRYSTAL CR. AT CONFLUENCE	Yes	0	0	0	0
YELL0328	BLACKTAIL DEER CREEK, RIGHT FORK 2.2 KM UPSTREAM	Yes	0	0	0	0
YELL0329	LOST C NR TOWER JCT YNP,WY	Yes	28	0	0	28
YELL0330	UNNAMED TR TO GALLATIN R. NR DIVIDE LK, YNP,	Yes	27	0	0	27
YELL0331	LOST CR NR TOWER JUNCTION RANGER STATION YNP	Yes	25	0	0	25
YELL0332	PEBBLE CREEK AT CAMPGROUND	Yes	0	0	0	0
YELL0333	SLOUGH CREEK .4 KM FROM MOUTH	Yes	0	0	0	0
YELL0334	BLACKTAIL DEER CREEK,LEFT FORK,END OF SERVICE RD	Yes	0	0	0	0
YELL0335	AMPHITHEATER CREEK	Yes	0	0	0	0
YELL0336	SODA BUTTE CREEK AT FOOT OF ICE BOX CANYON	Yes	0	0	0	0
YELL0337	SWAN L. 8KM S.OF MAMMOTH ON NOR. RD E.OF QUADRAN	Yes	38	0	38	0
YELL0338	UNNMED SP AT B H PASS TR NR DIVIDE LK, YNP, W	Yes	27	0	0	27
YELL0339	GALLATIN RIVER AT BIGHORN TRAILHEAD	Yes	0	0	0	0
YELL0340	LAMAR RIVER AT MOUTH	Yes	0	0	0	0
YELL0341	FAWN "PASS" L.IN FAWN PASS SADDLE IN YNP GALLATI	Yes	38	0	0	38
YELL0342	PEBBLE C NR TOWER JCT YNP, WY	Yes	195	0	0	195
YELL0343	HEBGEN LAKE BELOW S. FORK OF MADISON R.	Yes	23	0	23	0
YELL0344	UNNMED SP NR CROWFOOT RIDGE, YNP, WYO	Yes	27	0	0	27
YELL0345	YELLOWSTONE RIVER AT TOWER JUNCTION YNP	Yes	208	90	118	0
YELL0346	GALLATIN R NR WYO-MONT STATE L YNP WY	Yes	195	0	0	195
YELL0347	LAMAR RIVER NR TOWER FALLS RANGER STATION, YNP	Yes	692	608	0	84
YELL0348	GLEN C AB RUSTIC FALLS AB TR NR MAMMOTH YNP W	Yes	105	0	0	105
YELL0349	GLEN C TRIB AB RUSTIC FALLS NR MAMMOTH YNP	Yes	49	0	0	49
YELL0350	GLEN C AB RUSTIC FA NR MAMMOTH YNP	Yes	55	0	0	55
YELL0351	GLEN CR. ABOVE RUSTIC FALLS	Yes	0	0	0	0
YELL0352	LITTLE TRUMPETER L. NE YNP 4.4KM FROM TOWER JUNC	Yes	37	0	37	0
YELL0353	BIG TRUMPETER L. NE YNP 4.4KM FROM TOWER JUNCTIO	Yes	38	0	38	0
YELL0354	BLACKTAIL DEER CREEK 1.6 KM ABOVE PATROL CABIN	Yes	0	0	0	0
YELL0355	GALLATIN RIVER AT PARK BOUNDARY	Yes	0	0	0	0

Station Period of Record Tabulation
From 10/11/51 To 01/12/93

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75
YELL0356	SODA BUTTE CREEK AT ICEBOX CANYON BRIDGE	Yes	0	0	0	0
YELL0357	MAMMOTH WATER SUPPLY 4KM S. OF MAMMOTH IN YNP	Yes	35	0	35	0
YELL0358	SLOUGH CREEK ABOVE BUFFALO CREEK	Yes	0	0	0	0
YELL0359[1]	LAVA CR AB LUPINE CR NR MAMMOTH YNP	Yes	481	0	0	481
YELL0360[1]	GLEN C AT MAMMOTH DIV YNP	Yes	319	0	0	319
YELL0361	SLOUGH C NR TOWER JCT, YNP, WY	Yes	196	0	0	196
YELL0362	BLACKTAIL DEER CREEK NR MAMMOTH YNP	Yes	338	338	0	0
YELL0363	ELK CR. .8 KM FROM CONFLUENCE	Yes	0	0	0	0
YELL0364	FAN CR. @ CONFLUENCE TO GALLATIN RIVER	Yes	0	0	0	0
YELL0365	ICE LAKE RESSEVOIR NW TIP YNP BASE OF SEPULCHER	Yes	38	0	0	38
YELL0366	BLACKTAIL PONDS 10.6KM E OF MAMMOTH ON TOWER RD	Yes	39	0	39	0
YELL0367	MT.EVERTS L.#2 N.CENTRAL YNP S. EDGE OF MT.EVERT	Yes	39	0	39	0
YELL0368	FAWN L. NW YNP N.TIP OF GARDNER'S HOLE	Yes	38	0	38	0
YELL0369	LAVA CREEK AT MOUTH	Yes	0	0	0	0
YELL0370	GARDNER RIVER HEADWATERS	Yes	0	0	0	0
YELL0371	BACON RIND CREEK 100 M FROM MOUTH	Yes	0	0	0	0
YELL0372	SAND SP NR MAMMOTH YNP WYO	Yes	28	0	0	28
YELL0373	McBRIDE L.NE YNP 5.2KM UP SLOUGH CK TRAIL	Yes	37	0	37	0
YELL0374	SAND SP TR NR MAMMOTH, YNP, WYO	Yes	28	0	0	28
YELL0375	TRIBUTARY #1 OF GARDNER RIVER	Yes	0	0	0	0
YELL0376	BLACKTAIL DEER C AB TR FROM BLACKTAIL P YNP	Yes	27	0	0	27
YELL0377	UNNAMED TR TO FAN C NR WYO-MONT S L, YNP, WYO	Yes	27	0	0	27
YELL0378	FAN C AB UNNMED TR NR WYO-MONT STATELINE, YNP	Yes	27	0	0	27
YELL0379	UNNAMED TR FROM BLACKTAIL P YNP, WY	Yes	28	0	0	28
YELL0380[1]	BLACKTAIL DEER C BL TR FROM BLACKTAIL P YNP, WY	Yes	222	0	0	222
YELL0381	MC BRIDE LAKE	Yes	27	27	0	0
YELL0382	MT. EVERTS L. #1 N.CENTRAL YNP S.EDGE MT.EVERTS	Yes	39	0	39	0
YELL0383	CACHE L. NE SOLFATARA PLATEAU CENTRAL YNP	Yes	38	0	0	38
YELL0384	GEODE L. N.YNP RIM OF BLACK CANYON OF YELL.RIVER	Yes	41	0	41	0
YELL0385	HELLROARING CR. 3.7 KM FROM MOUTH	Yes	0	0	0	0
YELL0386[1]	GARDNER R AB MAMMOTH SP OUTFLOW NR MAMMOTH YNP	Yes	540	540	0	0
YELL0387	MAMMOTH H SP NR MAMMOTH YNP, WYO	Yes	25	0	0	25
YELL0388[1]	MAMMOTH SP OUTFLOW AT MAMMOTH YNP	Yes	553	553	0	0
YELL0389	CLEMATIS CREEK AT MAMMOTH, YNP	Yes	231	231	0	0
YELL0390[1]	GARDNER R SINKHOLE DIV AT MAMMOTH YNP	Yes	482	482	0	0
YELL0391	BLACKTAIL DEER CREEK 1.4 KM ABOVE MOUTH	Yes	0	0	0	0
YELL0392	SLOUGH CREEK ABOVE CONFLUENCE WITH ELK TONGUE CK	Yes	0	0	0	0
YELL0393	SODA BUTTE CREEK AT NORTH EAST ENTRANCE	Yes	0	0	0	0
YELL0394	OXBOW CREEK AT CONFLUENCE	Yes	0	0	0	0
YELL0395	SODA BUTTE AT CONFLUENCE WITH WARM CREEK	Yes	0	0	0	0
YELL0396	SNOWSLIDE CREEK AT CONFLUENCE	Yes	0	0	0	0
YELL0397	GARDNER RIVER AT 45TH PARALLEL	Yes	0	0	0	0
YELL0398	MAMMOTH BEAVER POND(LITTLE) N.YNP E.OF SEPULCHER	Yes	38	0	38	0
YELL0399	COTTONWOOD CR. AT TRAIL CROSSING	Yes	0	0	0	0
YELL0400[1]	HOT RIVER AT MAMMOTH YNP	Yes	674	648	0	26
YELL0401[1]	GARDNER RIVER NEAR MAMMOTH YNP	Yes	1025	980	45	0
YELL0402	CREVICE L. 13.7KM NE GARDNER ON YELL. RIVER TRAI	Yes	39	0	39	0
YELL0403	LITTLE SLIDE L. 4.8KM N.OF MAMMOTH NW YNP	Yes	37	0	37	0
YELL0404	MAMMOTH BEAVER POND(BIG) N.YNP E.OF SEPULCHER MT	Yes	38	0	38	0
YELL0405	WARM CREEK AT MOUTH	Yes	0	0	0	0
YELL0406	CREVICE CR. AT TRAIL CROSSING	Yes	0	0	0	0
YELL0407	UPPER REESE CREEK AT CONFLUENCE WITH 100204	Yes	0	0	0	0
YELL0408	SPECIMEN CREEK AT MOUTH	Yes	0	0	0	0
YELL0409	SODA BUTTE CR SE SILVER GATE OFF CITY BR	No	39	36	3	0
YELL0410	SPECIMEN CREEK AB SPECIMEN CR CAMPGROUND, YNP	Yes	26	0	0	26
YELL0411	GARDINER RIVER AT FOOTBRIDGE	Yes	0	0	0	0
YELL0412	MIDDLE RAINBOW L. NW YNP ON SEPULCHER MT.	Yes	38	0	0	38
YELL0413	SPORTSMAN L. NW YNP W. OF ELECTRIC PEAK	Yes	38	0	0	38
YELL0414	YELLOWSTONE RIVER AT BEAR CREEK	Yes	0	0	0	0
YELL0415	BEAR CREEK AT MOUTH	Yes	0	0	0	0
YELL0416	SODA BUTTE CR BELOW TAILINGS PIPE	No	39	20	19	0
YELL0417	SODA BUTTE CREEK UPSTR.MCLAREN TAILINGS	No	52	38	14	0
YELL0418	MILLER CRK AT COOKE CITY HWY	No	29	0	0	29
YELL0419	YELLOWSTONE R ABOVE BEAR CR	Yes	67	0	67	0
YELL0420	YELLOWSTONE R AT GARDINER, MONT.	No	3	0	0	3
YELL0421	ELECTRIC CREEK 91 METERS FROM CONFLUENCE	Yes	0	0	0	0
YELL0422	LANDSLIDE CREEK AT ROAD	Yes	0	0	0	0
YELL0423	DALY CREEK AT TRAILHEAD	No	0	0	0	0
YELL0424	STEPHENS CREEK AT ROAD	Yes	0	0	0	0
YELL0425	GALLATIN RIVER NR YELLOWSTONE NA	Yes	4	0	0	4
YELL0426	EAGLE CR. AT CAMPGROUND	No	0	0	0	0

Station Period of Record Tabulation
From 10/11/51 To 01/12/93

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75
YELL0427	CRAG L. HEAD OF E.FORK SPECIMEN CK N.TIP NW YNP	Yes	41	0	41	0
YELL0428	HIGH L. E.FORK OF SPECIMEN CK N.TIP NW YNP	Yes	41	0	41	0
YELL0429	CRESENT L. N.FORK SPECIMEN CREEK N.TIP NW YNP	Yes	41	0	41	0
YELL0430	YELLOWSTONE R AT MCCONNELL RIVER ACCESS	No	8	8	0	0
YELL0431	STILLWATER R AT DAISY PASS #4	No	28	0	0	28
YELL0432	STILLWATER R AT DAISY PASS #3	No	28	0	0	28
YELL0433	SLOUGH CRK BY FS GUARD STATION	No	26	0	0	26
YELL0434	BEAR CREEK ABOVE UPSTREAM TAILING POND	No	6	0	6	0
YELL0435	BEAR CREEK NEAR JARDINE, MT.	No	94	0	94	0
YELL0436	STILLWATER R AT FORD	Yes	28	0	0	28
YELL0437	NORTH FORK BEAR CREEK AT JARDINE MT	No	95	0	95	0
YELL0438	BEAR CREEK BELOW UPSTREAM TAILING POND	No	8	0	8	0
YELL0439	CREEK DRAINING HORSESHOE BASIN	No	28	0	0	28
YELL0440	HELLROARING CREEK 200 M ABOVE BULL MOOSE CABIN	No	0	0	0	0
YELL0441	WOUNDED MAN CRK ABV SLOUGH CRK	No	29	0	0	29
YELL0442	BOULDER RIVER, 3 RD ORDER	No	31	31	0	0
YELL0443	HELLROARING CREEK 200 M ABOVE SILVER CREEK	No	0	0	0	0
YELL0444	(NO NAME)	No	27	27	0	0

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

Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Parameter Code	Name	Total Obs	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	282	20	252	10	88	86
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	1515	829	433	253	224	202
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	4	0	0	4	4	1
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	843	747	92	4	25	20
00025	BAROMETRIC PRESSURE (MM OF HG)	79	79	0	0	12	10
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	976	809	163	4	46	30
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	950	784	165	1	34	28
00032	CLOUD COVER (PERCENT)	288	245	43	0	14	14
00035	WIND VELOCITY (MILES PER HOUR)	313	270	43	0	14	14
00041	WEATHER (WMO CODE 4501)	400	340	56	4	19	15
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)	1	1	0	0	1	0
00054	RESERVOIR STORAGE - ACRE FEET	3	3	0	0	3	0
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	1	0	0	1	1	0
00060	FLOW, STREAM, MEAN DAILY CFS	217	0	1	216	79	72
00061	FLOW, STREAM, INSTANTANEOUS CFS	917	779	131	7	44	27
00065	STAGE, STREAM (FEET)	292	290	1	1	15	15
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	11	11	0	0	1	0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	32	0	19	13	28	25
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	17	16	0	1	12	10
00078	TRANSPARENCY, SECCHI DISC (METERS)	225	14	203	8	88	85
00080	COLOR (PLATINUM-COBALT UNITS)	453	17	250	186	157	155
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	266	9	247	10	85	85
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	15	12	3	0	5	0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	280	19	251	10	90	84
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1244	806	194	244	145	119
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)	1152	451	427	274	242	209
00154	SULFATE (AS S) WHOLE WATER, MG/L	8	8	0	0	8	6
00300	OXYGEN, DISSOLVED MG/L	184	91	84	9	90	85
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	1	1	0	0	1	0
00335	COD, .025N K2CR2O7 MG/L	3	3	0	0	2	0
00400	PH (STANDARD UNITS)	662	104	315	243	202	187
00403	PH, LAB, STANDARD UNITS SU	114	76	28	10	49	33
00405	CARBON DIOXIDE (MG/L AS CO2)	294	9	268	17	102	99
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	8	8	0	0	8	6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	342	63	40	239	116	100
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	268	9	249	10	86	86
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	58	58	0	0	7	7
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	268	9	249	10	86	86
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	268	9	249	10	86	86
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	268	9	249	10	86	86
00440	BICARBONATE ION (MG/L AS HCO3)	541	12	280	249	195	181
00445	CARBONATE ION (MG/L AS CO3)	540	12	280	248	194	181
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	58	58	0	0	7	7
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	58	58	0	0	7	7
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	1	1	0	0	1	1
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	1	1	0	0	1	1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	297	26	261	10	102	96
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	13	13	0	0	9	9
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	33	23	10	0	18	16
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	63	15	39	9	19	11
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	6	0	0	6	3	0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11	0	2	9	8	2
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	20	20	0	0	10	10
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	335	18	297	20	115	105
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	314	20	275	19	110	97
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	106	32	67	7	30	25
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	6	0	0	6	6	1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	1	0	0	1	1	0
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	8	8	0	0	8	6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	310	25	265	20	117	103
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	222	29	193	0	51	51
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	202	9	193	0	41	41
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	276	65	201	10	57	51
00674	PHOSPHORUS, SUSPENDED ORTHOPHOSPHATE (MG/L AS P)	5	0	5	0	4	4
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	277	21	246	10	93	91
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	50	21	28	1	27	25
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	3	3	0	0	3	3
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10	10	0	0	9	7
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	2	0	2	0	2	0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	557	14	296	247	196	181
00901	HARDNESS, CARBONATE (MG/L AS CACO3)	7	0	0	7	7	1

Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Parameter Code	Name	Total Obs	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	262	0	28	234	101	93
00910	CALCIUM (MG/L AS CACO3)	8	8	0	0	8	6
00915	CALCIUM, DISSOLVED (MG/L AS CA)	345	60	46	239	125	108
00916	CALCIUM, TOTAL (MG/L AS CA)	269	9	250	10	86	86
00920	MAGNESIUM (MG/L AS CACO3)	269	9	250	10	86	86
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	351	68	44	239	133	114
00927	MAGNESIUM, TOTAL (MG/L AS MG)	269	9	250	10	86	86
00929	SODIUM, TOTAL (MG/L AS NA)	269	9	250	10	86	86
00930	SODIUM, DISSOLVED (MG/L AS NA)	347	64	44	239	130	114
00931	SODIUM ADSORPTION RATIO	272	3	34	235	103	93
00932	SODIUM, PERCENT	262	0	34	228	93	91
00933	SODIUM,PLUS POTASSIUM (MG/L)	6	0	6	0	6	6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	336	64	36	236	126	113
00937	POTASSIUM, TOTAL MG/L AS K)	266	9	247	10	85	85
00940	CHLORIDE,TOTAL IN WATER MG/L	921	318	353	250	217	199
00941	CHLORIDE, DISSOLVED IN WATER MG/L	8	8	0	0	8	6
00945	SULFATE, TOTAL (MG/L AS SO4)	786	241	295	250	211	195
00946	SULFATE, DISSOLVED (MG/L AS SO4)	3	3	0	0	2	0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	348	71	40	237	129	112
00951	FLUORIDE, TOTAL (MG/L AS F)	268	9	249	10	86	86
00955	SILICA, DISSOLVED (MG/L AS SI02)	594	65	284	245	209	197
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10	3	0	7	10	4
01002	ARSENIC, TOTAL (UG/L AS AS)	72	37	34	1	34	24
01005	BARIUM, DISSOLVED (UG/L AS BA)	4	3	1	0	4	4
01020	BORON, DISSOLVED (UG/L AS B)	282	48	8	226	102	99
01022	BORON, TOTAL (UG/L AS B)	1	1	0	0	1	0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	9	3	0	6	9	4
01027	CADMIUM, TOTAL (UG/L AS CD)	17	8	9	0	10	1
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10	3	0	7	10	4
01034	CHROMIUM, TOTAL (UG/L AS CR)	3	3	0	0	2	0
01040	COPPER, DISSOLVED (UG/L AS CU)	4	0	0	4	4	0
01042	COPPER, TOTAL (UG/L AS CU)	286	17	259	10	96	87
01045	IRON, TOTAL (UG/L AS FE)	200	8	7	185	66	57
01046	IRON, DISSOLVED (UG/L AS FE)	79	44	33	2	23	23
01049	LEAD, DISSOLVED (UG/L AS PB)	4	3	0	1	4	3
01051	LEAD, TOTAL (UG/L AS PB)	11	4	7	0	7	1
01055	MANGANESE, TOTAL (UG/L AS MN)	15	8	7	0	10	1
01056	MANGANESE, DISSOLVED (UG/L AS MN)	29	10	12	7	22	14
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	1	0	0	1	1	0
01075	SILVER, DISSOLVED (UG/L AS AG)	3	3	0	0	3	3
01082	STRONTIUM, TOTAL (UG/L AS SR)	1	0	1	0	1	1
01087	VANADIUM, TOTAL (UG/L AS V)	1	0	1	0	1	1
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	0	0	1	1	0
01092	ZINC, TOTAL (UG/L AS ZN)	17	8	9	0	10	1
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	2	2	0	0	1	1
01105	ALUMINUM, TOTAL (UG/L AS AL)	12	12	0	0	11	6
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	0	0	1	1	0
01130	LITHIUM, DISSOLVED (UG/L AS LI)	11	11	0	0	1	1
01145	SELENIUM, DISSOLVED (UG/L AS SE)	3	3	0	0	3	3
01147	SELENIUM, TOTAL (UG/L AS SE)	4	4	0	0	3	0
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	13	0	13	0	4	1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	20	0	20	0	11	8
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	13	0	13	0	4	1
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	3	3	0	0	2	0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	1	1	0	0	1	0
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	1	1	0	0	1	1
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	8	8	0	0	8	6
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	213	0	0	213	77	77
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	260	3	42	215	96	89
70302	SOLIDS, DISSOLVED-TONS PER DAY	205	0	7	198	70	70
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	263	0	34	229	94	92
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	263	9	245	9	84	84
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	67	67	0	0	7	7
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	1	1	0	0	1	1
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	1	1	0	0	1	1
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	1	1	0	0	1	1
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	1	1	0	0	1	1
70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	1	1	0	0	1	1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	297	24	260	13	102	97
71825	ACIDITY, TOTAL (MG/L AS H)	1	0	0	1	1	1
71830	HYDROXIDE ION (MG/L AS OH)	274	9	249	16	92	87

Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Parameter Code	Name	Total Obs	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10	0	10	0	6	6
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	7	0	0	7	7	1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	231	8	0	223	88	86
71870	BROMIDE (MG/L AS BR)	1	0	0	1	1	1
71875	HYDROGEN SULFIDE (MG/L)	24	9	15	0	10	10
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	269	9	250	10	86	86
71885	IRON (UG/L AS FE)	26	8	0	18	24	16
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	16	0	16	0	7	7
71890	MERCURY, DISSOLVED (UG/L AS HG)	9	3	0	6	9	8
71900	MERCURY, TOTAL (UG/L AS HG)	10	3	7	0	6	1
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	8	8	0	0	8	6
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	1	1	0	0	1	0
74010	IRON, TOTAL (MG/L AS FE)	268	9	249	10	86	86
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	102	70	6	26	12	12
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	30	0	4	26	5	5
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	8	8	0	0	8	6
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	8	8	0	0	8	6
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	4	0	4	0	4	4
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	254	17	237	0	73	71
82398	SAMPLING METHOD (CODES)	93	91	1	1	14	14
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10	8	1	1	10	7
84001	GEOLOGIC AGE CODE (SEE USGS CATALOG)	11	9	1	1	11	8

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/74-09/13/75	1	6	
YELL0002	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-09/19/74	0	1	
YELL0003	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/85-09/23/85	0	1	
YELL0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/91-07/23/91	0	11	
YELL0005	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/91-07/23/91	0	1	
YELL0006	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/82-06/14/83	0	4	
YELL0008	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/76-08/12/76	0	1	
YELL0017	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/88-10/04/88	0	1	
YELL0018	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/70-10/17/70	0	1	
YELL0019	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/70-09/17/70	0	1	
YELL0020	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/70-06/24/70	0	1	
YELL0021	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/69-08/22/69	0	1	
YELL0022	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/70-09/17/70	0	1	
YELL0029	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-08/11/76	0	1	
YELL0033	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/72-08/30/72	0	1	
YELL0038	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-08/26/76	0	1	
YELL0043	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/51-07/01/88	36	23	
YELL0044	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/86-10/24/90	4	16	
YELL0046	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/76-09/02/76	0	1	
YELL0055	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/69-08/18/69	0	1	
YELL0064	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/69-08/18/69	0	1	
YELL0065	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/78-10/10/85	7	35	
YELL0069	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-10/22/70	1	7	
YELL0071	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/08/78-09/08/78	0	1	
YELL0073	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/88-10/03/88	0	1	
YELL0078	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/85-05/17/85	0	1	
YELL0079	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/69-10/11/69	0	1	
YELL0092	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/69-10/11/69	0	1	
YELL0094	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/69-10/10/69	0	1	
YELL0095	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/70-05/20/78	7	3	
YELL0096	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/70-09/09/70	0	1	
YELL0097	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/71-09/22/71	0	1	
YELL0101	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/76-09/13/84	8	38	
YELL0110	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-08/24/76	0	1	
YELL0111	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/70-09/10/70	0	1	
YELL0112	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/74-08/07/84	10	4	
YELL0121	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/79-08/23/82	2	8	
YELL0122	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/71-10/15/71	0	1	
YELL0126	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/79-08/15/79	0	1	
YELL0127	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/85-09/24/85	0	1	
YELL0129	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/83-08/04/83	0	1	
YELL0130	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/74-10/28/74	0	1	
YELL0131	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/70-09/10/70	0	1	
YELL0133	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/78-09/27/84	6	22	
YELL0136	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/68-06/11/68	0	1	
YELL0137	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/67-10/22/70	3	17	
YELL0138	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-10/22/70	1	5	
YELL0141	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/75-08/22/85	9	12	
YELL0142	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/75-08/22/85	9	12	
YELL0143	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/21/69-09/19/76	7	7	
YELL0146	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-08/07/85	6	4	
YELL0148	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-10/22/70	1	7	
YELL0153	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-03/05/71	0	1	
YELL0154	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/68-10/19/70	2	9	
YELL0155	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/71-09/22/71	0	1	
YELL0156	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/78-09/27/84	6	21	
YELL0157	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/79-08/12/79	0	1	
YELL0159	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/69-10/19/70	1	6	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0160	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/71-09/22/71	0	1	
YELL0165	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-10/22/70	1	7	
YELL0166	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/70-06/22/70	0	1	
YELL0168	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/79-10/12/79	0	1	
YELL0172	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/85-09/23/85	0	1	
YELL0173	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/15/68	0	1	
YELL0174	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/79-07/18/81	1	2	
YELL0178	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/69-10/13/69	0	1	
YELL0179	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/79-08/22/79	0	1	
YELL0181	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/69-10/13/69	0	1	
YELL0183	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/70-09/10/92	21	61	
YELL0184	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/78-08/12/85	6	9	
YELL0185	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/69-08/19/69	0	1	
YELL0186	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/69-08/19/69	0	1	
YELL0187	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-08/12/85	8	11	
YELL0188	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/82-08/12/85	3	6	
YELL0190	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/67-10/22/70	3	9	
YELL0192	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/69-08/19/69	0	1	
YELL0193	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-03/05/71	0	1	
YELL0204	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/19/92	8	70	
YELL0205	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/67-08/22/67	0	1	
YELL0207	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/79-10/12/79	0	1	
YELL0213	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/68-06/11/68	0	1	
YELL0214	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/68-10/21/70	2	7	
YELL0215	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/68-09/13/68	0	1	
YELL0216	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/76-08/29/85	8	10	
YELL0217	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/76-08/29/85	8	10	
YELL0218	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-08/19/92	8	77	
YELL0219	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/78-08/23/78	0	1	
YELL0224	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-11/16/92	21	117	
YELL0225	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/87-06/02/87	0	1	
YELL0226	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/77-09/07/77	0	1	
YELL0227	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/79-08/28/79	0	1	
YELL0240	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/85-09/24/85	0	1	
YELL0242	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-07/31/80	5	2	
YELL0255	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/67-09/19/67	0	1	
YELL0256	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/69-07/23/69	0	1	
YELL0257	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/69-07/23/69	0	1	
YELL0259	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/67-09/19/67	0	1	
YELL0260	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/73-09/07/88	15	21	
YELL0262	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/86-03/12/86	0	1	
YELL0263	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/83-09/07/83	0	1	
YELL0266	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/67-10/19/70	3	9	
YELL0267	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/05/74-09/05/74	0	1	
YELL0273	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/69-07/23/69	0	1	
YELL0274	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/67-08/27/69	2	3	
YELL0276	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/85-09/24/85	0	1	
YELL0278	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/68-07/29/68	0	1	
YELL0279	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/68-07/29/68	0	1	
YELL0280	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/69-07/23/69	0	1	
YELL0281	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/73-06/23/76	3	5	
YELL0283	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/87-09/24/87	0	5	
YELL0285	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/87-09/24/87	0	5	
YELL0286	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/73-05/25/76	3	4	
YELL0287	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/69-07/22/69	0	1	
YELL0289	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/74-09/13/74	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0290	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/78-08/30/78	0	1	
YELL0298	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/85-09/25/85	0	1	
YELL0299	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/69-07/24/69	0	1	
YELL0301	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/79-09/01/79	0	1	
YELL0306	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/17/69-07/17/69	0	1	
YELL0310	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/77-08/17/77	0	1	
YELL0312	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/88-09/07/92	3	42	
YELL0313	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/69-06/24/69	0	1	
YELL0314	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/70-09/18/70	0	1	
YELL0320	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-08/14/68	0	1	
YELL0321	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/68-10/21/70	2	8	
YELL0322	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-08/14/68	0	1	
YELL0325	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/74-07/12/74	0	1	
YELL0329	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/17/69-07/17/69	0	1	
YELL0330	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/69-08/21/69	0	1	
YELL0331	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/21/68-05/21/68	0	1	
YELL0337	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/75-08/06/75	0	1	
YELL0338	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/69-08/21/69	0	1	
YELL0341	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/74-09/15/74	0	1	
YELL0342	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/69-10/20/70	1	7	
YELL0344	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/69-08/21/69	0	1	
YELL0345	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-04/30/86	2	25	
YELL0346	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-10/21/70	1	7	
YELL0347	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/12/70-07/30/92	22	61	
YELL0348	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/67-08/13/68	1	4	
YELL0349	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/67-08/13/68	0	2	
YELL0350	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/68-04/13/70	1	2	
YELL0352	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/75-07/24/75	0	1	
YELL0359	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/67-10/21/70	3	18	
YELL0360	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/68-10/21/70	2	12	
YELL0361	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/69-10/20/70	1	7	
YELL0362	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/26/88-09/11/92	3	46	
YELL0365	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/75-07/30/75	0	1	
YELL0372	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/70-06/23/70	0	1	
YELL0373	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/75-09/26/75	0	1	
YELL0374	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/70-06/23/70	0	1	
YELL0376	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/68-08/13/68	0	1	
YELL0377	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/69-08/22/69	0	1	
YELL0378	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/69-08/22/69	0	1	
YELL0379	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/70-06/23/70	0	1	
YELL0380	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/68-10/20/70	2	8	
YELL0381	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/85-09/23/85	0	1	
YELL0382	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/79-08/30/79	0	1	
YELL0386	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/88-12/02/92	4	42	
YELL0387	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/68-05/23/68	0	1	
YELL0388	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/88-01/12/93	4	43	
YELL0389	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/16/90-09/09/92	2	18	
YELL0390	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/88-09/09/92	3	37	
YELL0398	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/17/75-07/17/75	0	1	
YELL0400	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/71-01/12/93	21	58	
YELL0401	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/84-01/12/93	8	102	
YELL0402	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/16/75-07/16/75	0	1	
YELL0409	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/86-07/23/86	0	3	
YELL0410	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/68-09/20/68	0	1	
YELL0412	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/74-09/20/74	0	1	
YELL0416	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/86-07/23/86	0	1	
YELL0417	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/86-07/23/86	0	2	
YELL0425	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/04/72-03/04/72	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0427	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/79-09/01/79	0	1	
YELL0430	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/92-04/22/92	0	1	
YELL0435	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/82-10/13/83	0	12	
YELL0437	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/82-10/13/83	0	13	
YELL0442	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/91-08/22/91	0	1	
YELL0444	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/85-09/17/85	0	1	
YELL0418	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/26/71-08/26/71	0	1	
YELL0431	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/24/71-08/24/71	0	1	
YELL0432	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/24/71-08/24/71	0	1	
YELL0436	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/24/71-08/24/71	0	1	
YELL0002	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/19/74-09/19/74	0	1	
YELL0018	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/17/70-10/17/70	0	1	
YELL0019	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	09/17/70-09/17/70	0	1	
YELL0020	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	06/24/70-06/24/70	0	1	
YELL0021	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/22/69-08/22/69	0	1	
YELL0022	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	09/17/70-09/17/70	0	1	
YELL0055	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/18/69-08/18/69	0	1	
YELL0064	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/18/69-08/18/69	0	1	
YELL0069	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/22/69-10/22/70	1	7	
YELL0079	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/11/69-10/11/69	0	1	
YELL0094	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/10/69-10/10/69	0	1	
YELL0095	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	09/09/70-09/09/70	0	1	
YELL0096	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	09/09/70-09/09/70	0	1	
YELL0111	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	09/10/70-09/10/70	0	1	
YELL0137	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/22/68-10/22/70	2	12	
YELL0138	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/22/69-10/22/70	1	5	
YELL0143	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/21/69-10/22/70	1	6	
YELL0148	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/22/69-10/22/70	1	7	
YELL0153	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	03/05/71-03/05/71	0	1	
YELL0154	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/16/68-10/19/70	2	9	
YELL0159	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/19/69-10/19/70	1	6	
YELL0165	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/22/69-10/22/70	1	7	
YELL0166	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	06/22/70-06/22/70	0	1	
YELL0178	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/13/69-10/13/69	0	1	
YELL0181	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/13/69-10/13/69	0	1	
YELL0183	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	10/19/70-02/29/84	13	2	
YELL0185	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/19/69-08/19/69	0	1	
YELL0186	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/19/69-08/19/69	0	1	
YELL0190	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/14/68-10/22/70	2	8	
YELL0192	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/19/69-08/19/69	0	1	
YELL0193	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	03/05/71-03/05/71	0	1	
YELL0214	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/22/69-10/21/70	1	7	
YELL0224	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	03/05/71-03/05/71	0	1	
YELL0255	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	09/19/67-09/19/67	0	1	
YELL0256	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	07/23/69-07/23/69	0	1	
YELL0257	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	07/23/69-07/23/69	0	1	
YELL0258	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	06/23/69-06/23/69	0	1	
YELL0259	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	09/19/67-09/19/67	0	1	
YELL0266	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/13/68-10/19/70	2	8	
YELL0273	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	07/23/69-07/23/69	0	1	
YELL0274	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	07/18/69-08/27/69	0	2	
YELL0280	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	07/23/69-07/23/69	0	1	
YELL0287	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	07/22/69-07/22/69	0	1	
YELL0299	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	07/24/69-07/24/69	0	1	
YELL0306	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	07/17/69-07/17/69	0	1	
YELL0313	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	06/24/69-06/24/69	0	1	
YELL0314	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	09/18/70-09/18/70	0	1	
YELL0320	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/14/68-08/14/68	0	1	
YELL0321	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/21/69-10/21/70	1	7	
YELL0322	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/14/68-08/14/68	0	1	
YELL0329	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	07/17/69-07/17/69	0	1	
YELL0330	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/21/69-08/21/69	0	1	
YELL0338	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/21/69-08/21/69	0	1	
YELL0342	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/20/69-10/20/70	1	7	
YELL0344	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/21/69-08/21/69	0	1	
YELL0346	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/22/69-10/21/70	1	7	
YELL0347	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/12/70-10/20/70	0	3	
YELL0348	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	06/17/67-08/13/68	1	4	
YELL0349	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	09/20/67-09/20/67	0	1	
YELL0350	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/13/68-04/13/70	1	2	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0359	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/26/67-10/21/70	3	18	
YELL0360	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/17/68-10/21/70	2	12	
YELL0361	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	05/20/69-10/20/70	1	7	
YELL0372	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	06/23/70-06/23/70	0	1	
YELL0374	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	06/23/70-06/23/70	0	1	
YELL0376	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/13/68-08/13/68	0	1	
YELL0377	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/22/69-08/22/69	0	1	
YELL0378	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/22/69-08/22/69	0	1	
YELL0379	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	06/23/70-06/23/70	0	1	
YELL0380	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/13/68-10/20/70	2	8	
YELL0400	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	03/03/71-03/03/71	0	1	
YELL0418	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/26/71-08/26/71	0	1	
YELL0420	No	00060	FLOW, STREAM, MEAN DAILY CFS	03/03/71-03/03/71	0	1	
YELL0425	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	03/04/72-03/04/72	0	1	
YELL0431	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/24/71-08/24/71	0	1	
YELL0432	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/24/71-08/24/71	0	1	
YELL0433	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/10/71-08/10/71	0	1	
YELL0436	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/24/71-08/24/71	0	1	
YELL0439	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/10/71-08/10/71	0	1	
YELL0441	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/10/71-08/10/71	0	1	
YELL0001	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/08/74-09/13/75	1	6	
YELL0005	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/23/91-07/23/91	0	1	
YELL0006	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/17/82-06/14/83	0	4	
YELL0017	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/88-10/04/88	0	1	
YELL0043	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/11/51-07/01/88	36	23	
YELL0044	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/25/86-10/24/90	4	16	
YELL0073	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/88-10/03/88	0	1	
YELL0076	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/88-10/03/88	0	1	
YELL0078	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/17/85-05/17/85	0	1	
YELL0095	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/12/77-07/28/79	1	7	
YELL0141	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/75-08/27/82	6	3	
YELL0142	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/75-08/27/82	6	3	
YELL0183	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/18/76-09/10/92	15	58	
YELL0184	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/29/80-08/28/82	1	4	
YELL0187	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/29/80-08/28/82	1	4	
YELL0188	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/13/82-08/28/82	0	2	
YELL0204	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/11/83-08/19/92	8	63	
YELL0218	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-08/19/92	8	75	
YELL0224	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-11/16/92	9	111	
YELL0225	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/02/87-06/02/87	0	1	
YELL0260	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/73-09/07/88	15	18	
YELL0262	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/12/86-03/12/86	0	1	
YELL0281	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/73-03/21/73	0	1	
YELL0283	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/09/87-09/24/87	0	6	
YELL0285	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/87-09/24/87	0	6	
YELL0286	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/73-09/30/75	2	2	
YELL0312	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/27/88-09/07/92	3	38	
YELL0345	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/02/83-04/30/86	2	20	
YELL0347	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/08/85-09/10/92	7	59	
YELL0362	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/26/88-09/11/92	3	46	
YELL0386	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/14/88-12/02/92	4	43	
YELL0388	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/14/88-01/12/93	4	43	
YELL0389	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/16/90-09/09/92	2	18	
YELL0390	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/05/88-09/09/92	3	37	
YELL0400	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/14/88-01/12/93	4	56	
YELL0401	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/23/84-01/12/93	8	101	
YELL0409	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/23/86-07/23/86	0	3	
YELL0416	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/13/82-07/23/86	3	2	
YELL0417	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/13/82-07/23/86	3	3	
YELL0434	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/20/83-04/20/83	0	1	
YELL0435	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/15/82-10/13/83	0	13	
YELL0437	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/15/82-10/13/83	0	13	
YELL0438	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/20/83-04/20/83	0	1	
YELL0442	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/22/91-08/22/91	0	1	
YELL0043	Yes	00065	STAGE, STREAM (FEET)	10/11/51-07/17/86	34	15	
YELL0078	Yes	00065	STAGE, STREAM (FEET)	05/17/85-05/17/85	0	1	
YELL0183	Yes	00065	STAGE, STREAM (FEET)	10/02/90-09/10/92	1	16	
YELL0204	Yes	00065	STAGE, STREAM (FEET)	10/23/90-08/19/92	1	16	
YELL0218	Yes	00065	STAGE, STREAM (FEET)	10/23/90-08/19/92	1	18	
YELL0224	Yes	00065	STAGE, STREAM (FEET)	08/24/90-11/16/92	2	67	
YELL0312	Yes	00065	STAGE, STREAM (FEET)	10/03/90-09/07/92	1	20	
YELL0347	Yes	00065	STAGE, STREAM (FEET)	10/03/90-09/10/92	1	17	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0362	Yes	00065	STAGE, STREAM (FEET)	10/03/90-09/11/92	1	23	
YELL0386	Yes	00065	STAGE, STREAM (FEET)	10/04/90-05/08/91	0	5	
YELL0388	Yes	00065	STAGE, STREAM (FEET)	10/04/90-01/12/93	2	21	
YELL0389	Yes	00065	STAGE, STREAM (FEET)	10/04/90-03/24/92	1	10	
YELL0390	Yes	00065	STAGE, STREAM (FEET)	10/04/90-09/09/92	1	11	
YELL0400	Yes	00065	STAGE, STREAM (FEET)	10/03/90-01/12/93	2	25	
YELL0401	Yes	00065	STAGE, STREAM (FEET)	10/04/90-01/12/93	2	27	
YELL0004	No	00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	07/23/91-07/23/91	0	11	
YELL0120	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/27/74-07/27/74	0	1	
YELL0207	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/18/75-08/18/75	0	1	
YELL0219	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/18/75-08/18/75	0	1	
YELL0227	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/16/75-08/16/75	0	1	
YELL0234	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/12/75-08/12/75	0	1	
YELL0245	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/13/74-08/13/74	0	1	
YELL0260	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/21/73-06/23/76	3	2	
YELL0263	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/22/75-08/22/75	0	1	
YELL0267	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/11/75-08/11/75	0	1	
YELL0272	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/05/74-09/05/74	0	1	
YELL0281	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/21/73-06/23/76	3	2	
YELL0286	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/21/73-06/23/76	3	2	
YELL0289	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/13/74-09/13/74	0	1	
YELL0325	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/15/74-09/15/74	0	1	
YELL0343	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/16/76-03/16/76	0	1	
YELL0357	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/24/75-07/24/75	0	1	
YELL0365	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/25/74-07/25/74	0	1	
YELL0368	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/30/75-07/30/75	0	1	
YELL0383	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/18/74-09/18/74	0	1	
YELL0398	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/75-07/17/75	0	1	
YELL0403	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/74-09/20/74	0	1	
YELL0419	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/26/78-04/18/78	0	2	
YELL0004	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/23/91-07/23/91	0	2	
YELL0005	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/23/91-07/23/91	0	1	
YELL0017	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/88-10/04/88	0	1	
YELL0043	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/11/51-10/11/51	0	1	
YELL0073	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/03/88-10/03/88	0	1	
YELL0204	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/88-11/03/88	0	2	
YELL0218	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/88-11/03/88	0	2	
YELL0312	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/88-11/02/88	0	1	
YELL0347	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/05/88-11/02/88	0	2	
YELL0362	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/01/88-11/01/88	0	1	
YELL0401	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/88-11/01/88	0	2	
YELL0003	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/23/85-09/23/85	0	1	
YELL0004	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/91-07/23/91	0	1	
YELL0008	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/31/76-08/31/76	0	1	
YELL0029	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/13/78-10/10/85	7	16	
YELL0071	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/08/78-09/08/78	0	1	
YELL0101	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/19/76-09/30/85	9	6	
YELL0103	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/31/78-08/29/81	2	13	
YELL0108	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/26/77-09/27/82	5	22	
YELL0109	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/19/76-09/13/84	8	36	T,S
YELL0110	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/19/76-10/07/76	0	2	
YELL0126	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/15/79-08/15/79	0	1	
YELL0127	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/85-09/24/85	0	1	
YELL0129	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/04/83-08/04/83	0	1	
YELL0133	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/22/80-08/22/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0135	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/24/78-09/27/84	6	22	
YELL0146	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/15/78-07/19/84	5	3	
YELL0156	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	05/24/78-09/27/84	6	21	
YELL0157	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/79-10/12/79	0	1	
YELL0172	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/23/85-09/23/85	0	1	
YELL0174	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/16/79-07/18/81	1	2	
YELL0189	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/26/77-08/26/77	0	1	
YELL0207	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/79-10/12/79	0	1	
YELL0219	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/28/79-08/28/79	0	1	
YELL0240	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/85-09/24/85	0	1	
YELL0242	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/13/74-07/31/80	5	3	
YELL0263	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/07/83-09/07/83	0	1	
YELL0267	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/17/78-08/17/78	0	1	
YELL0276	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/85-09/24/85	0	1	
YELL0289	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/27/76-07/27/76	0	1	
YELL0296	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/28/78-08/28/78	0	1	
YELL0297	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/30/78-08/30/78	0	1	
YELL0298	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/25/85-09/25/85	0	1	
YELL0301	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/01/79-09/01/79	0	1	
YELL0310	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/17/77-08/17/77	0	1	
YELL0325	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/15/74-09/15/74	0	1	
YELL0353	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/24/75-07/24/75	0	1	
YELL0365	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/26/75-09/26/75	0	1	
YELL0381	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/23/85-09/23/85	0	1	
YELL0382	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/17/75-07/17/75	0	1	
YELL0402	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/74-09/20/74	0	1	
YELL0427	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/01/79-09/01/79	0	1	
YELL0444	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/17/85-09/17/85	0	1	
YELL0003	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/23/85-09/23/85	0	1	
YELL0008	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/12/76-08/12/76	0	1	
YELL0018	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/17/70-10/17/70	0	1	
YELL0019	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/17/70-09/17/70	0	1	
YELL0020	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/24/70-06/24/70	0	1	
YELL0021	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/22/69-08/22/69	0	1	
YELL0022	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/17/70-09/17/70	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0029	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/02/76-09/02/76	0	1	
YELL0055	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/18/69-08/18/69	0	1	
YELL0064	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/18/69-08/18/69	0	1	
YELL0065	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/13/78-10/10/85	7	35	
YELL0069	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/22/69-10/22/70	1	7	
YELL0071	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/08/78-09/08/78	0	1	
YELL0079	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/11/69-10/11/69	0	1	
YELL0092	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/11/69-10/11/69	0	1	
YELL0094	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/10/69-10/10/69	0	1	
YELL0095	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/09/70-09/09/70	0	1	
YELL0096	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/09/70-09/09/70	0	1	
YELL0101	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-08/24/76	0	1	
YELL0111	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/10/70-09/10/70	0	1	
YELL0112	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/15/79-08/15/79	0	1	
YELL0127	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/24/85-09/24/85	0	1	
YELL0129	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/04/83-08/04/83	0	1	
YELL0131	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/10/70-09/10/70	0	1	
YELL0133	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/24/78-09/27/84	6	22	
YELL0137	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/13/68-10/22/70	2	10	
YELL0138	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/22/69-10/22/70	1	5	
YELL0143	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/21/69-10/22/70	1	6	
YELL0146	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/15/78-08/07/85	6	4	
YELL0148	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/22/69-10/22/70	1	6	
YELL0154	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/19/69-10/19/70	1	8	
YELL0156	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/12/79-08/12/79	0	1	
YELL0159	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/19/69-10/19/70	1	6	
YELL0165	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/22/69-10/22/70	1	7	
YELL0166	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/22/70-06/22/70	0	1	
YELL0168	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/12/79-10/12/79	0	1	
YELL0172	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/23/85-09/23/85	0	1	
YELL0174	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/16/79-07/18/81	1	2	
YELL0178	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/13/69-10/13/69	0	1	
YELL0181	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/13/69-10/13/69	0	1	
YELL0183	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/19/70-10/19/70	0	1	
YELL0185	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/19/69-08/19/69	0	1	
YELL0186	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/19/69-08/19/69	0	1	
YELL0189	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/30/76-06/30/76	0	1	
YELL0190	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/12/69-10/22/70	1	7	
YELL0192	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/19/69-08/19/69	0	1	
YELL0194	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/26/77-08/26/77	0	1	
YELL0207	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/12/79-10/12/79	0	1	
YELL0214	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/16/68-10/21/70	2	8	
YELL0215	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/13/68-09/13/68	0	1	
YELL0219	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/23/78-08/23/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0234	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/28/79-08/28/79	0	1	
YELL0240	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/24/85-09/24/85	0	1	
YELL0242	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/13/74-07/31/80	5	3	
YELL0256	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/69-07/23/69	0	1	
YELL0257	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/69-07/23/69	0	1	
YELL0258	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/23/69-06/23/69	0	1	
YELL0263	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/07/83-09/07/83	0	1	
YELL0266	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/19/69-10/19/70	1	7	
YELL0267	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/05/74-09/05/74	0	1	
YELL0273	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/69-07/23/69	0	1	
YELL0274	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/18/69-08/27/69	0	2	
YELL0276	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/24/85-09/24/85	0	1	
YELL0280	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/69-07/23/69	0	1	
YELL0287	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/22/69-07/22/69	0	1	
YELL0289	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/30/78-08/30/78	0	1	
YELL0298	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/25/85-09/25/85	0	1	
YELL0299	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/24/69-07/24/69	0	1	
YELL0301	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/01/79-09/01/79	0	1	
YELL0306	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/17/69-07/17/69	0	1	
YELL0310	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/17/77-08/17/77	0	1	
YELL0313	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/24/69-06/24/69	0	1	
YELL0314	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/18/70-09/18/70	0	1	
YELL0321	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/21/69-10/21/70	1	6	
YELL0325	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/12/74-07/12/74	0	1	
YELL0329	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/17/69-07/17/69	0	1	
YELL0330	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/21/69-08/21/69	0	1	
YELL0337	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/06/75-08/06/75	0	1	
YELL0338	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/21/69-08/21/69	0	1	
YELL0341	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/15/74-09/15/74	0	1	
YELL0342	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/20/69-10/20/70	1	6	
YELL0344	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/21/69-08/21/69	0	1	
YELL0346	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/22/69-10/21/70	1	7	
YELL0347	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/12/70-10/20/70	0	3	
YELL0350	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/13/70-04/13/70	0	1	
YELL0352	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/24/75-07/24/75	0	1	
YELL0359	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/10/68-10/21/70	2	10	
YELL0360	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/16/69-10/21/70	1	8	
YELL0361	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/20/69-10/20/70	1	7	
YELL0365	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/30/75-07/30/75	0	1	
YELL0372	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/23/70-06/23/70	0	1	
YELL0373	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/26/75-09/26/75	0	1	
YELL0374	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/23/70-06/23/70	0	1	
YELL0377	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/22/69-08/22/69	0	1	
YELL0378	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/22/69-08/22/69	0	1	
YELL0379	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/23/70-06/23/70	0	1	
YELL0380	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	05/20/69-10/20/70	1	7	
YELL0381	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/23/85-09/23/85	0	1	
YELL0382	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/17/75-07/17/75	0	1	
YELL0402	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/16/75-07/16/75	0	1	
YELL0410	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/20/68-09/20/68	0	1	
YELL0412	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/74-07/23/74	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0413	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/20/74-09/20/74	0	1	
YELL0427	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/01/79-09/01/79	0	1	
YELL0444	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/17/85-09/17/85	0	1	
YELL0008	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/12/76-08/12/76	0	1	
YELL0029	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/13/78-10/10/85	7	35	
YELL0071	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/08/78-09/08/78	0	1	
YELL0101	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/31/78-09/11/84	6	17	
YELL0108	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/04/83-08/04/83	0	1	
YELL0133	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	05/24/78-09/27/84	6	22	
YELL0146	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/15/78-08/07/85	6	4	
YELL0156	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	10/16/79-07/18/81	1	2	
YELL0189	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/26/77-08/26/77	0	1	
YELL0207	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	10/12/79-10/12/79	0	1	
YELL0219	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/13/74-07/31/80	5	3	
YELL0263	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/83-09/07/83	0	1	
YELL0267	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/05/74-09/05/74	0	1	
YELL0289	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/01/79-09/01/79	0	1	
YELL0310	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/17/77-08/17/77	0	1	
YELL0325	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/15/74-09/15/74	0	1	
YELL0352	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/04/77-08/04/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0353	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/03/77-08/03/77	0	1	
YELL0365	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/17/75-07/17/75	0	1	
YELL0402	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/20/74-09/20/74	0	1	
YELL0427	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/01/79-09/01/79	0	1	
YELL0004	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/23/91-07/23/91	0	11	
YELL0005	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/23/91-07/23/91	0	1	
YELL0260	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/30/75-09/30/75	0	1	
YELL0281	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/30/75-09/30/75	0	1	
YELL0286	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/30/75-09/30/75	0	1	
YELL0004	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/91-07/23/91	0	11	
YELL0005	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/91-07/23/91	0	1	
YELL0008	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/12/76-08/12/76	0	1	
YELL0029	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/78-10/10/85	7	32	
YELL0071	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/08/78-09/08/78	0	1	
YELL0101	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/19/76-09/30/85	9	8	
YELL0103	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/77-09/27/84	7	22	
YELL0109	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/07/76-10/07/76	0	1	
YELL0120	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/74-08/07/84	10	5	
YELL0121	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/06/79-08/04/82	2	6	
YELL0126	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/83-08/04/83	0	1	
YELL0133	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/78-09/27/84	6	22	
YELL0146	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/15/78-07/19/84	5	3	
YELL0156	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/78-09/27/84	6	21	
YELL0157	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/79-07/18/81	1	2	
YELL0194	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/77-08/26/77	0	1	
YELL0207	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/79-10/12/79	0	1	
YELL0219	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	08/13/74-07/31/80	5	2	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0260	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/30/75-06/23/76	0	4	
YELL0263	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/07/83-09/07/83	0	1	
YELL0267	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/05/74-09/05/74	0	1	
YELL0281	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/30/75-06/23/76	0	4	
YELL0286	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/30/75-06/23/76	0	4	
YELL0289	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/01/79-09/01/79	0	1	
YELL0310	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/77-08/17/77	0	1	
YELL0325	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/15/74-09/15/74	0	1	
YELL0352	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/75-07/24/75	0	1	
YELL0365	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/17/75-07/17/75	0	1	
YELL0402	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/74-09/20/74	0	1	
YELL0427	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/01/79-09/01/79	0	1	
YELL0442	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/22/91-08/22/91	0	1	
YELL0001	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/74-08/29/75	1	5	
YELL0002	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/74-09/19/74	0	1	
YELL0003	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/85-09/23/85	0	1	
YELL0006	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/82-06/14/83	0	4	
YELL0017	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/88-10/04/88	0	1	
YELL0018	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/70-10/17/70	0	1	
YELL0019	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/70-09/17/70	0	1	
YELL0020	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/24/70-06/24/70	0	1	
YELL0021	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/69-08/22/69	0	1	
YELL0022	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/70-09/17/70	0	1	
YELL0033	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/72-08/30/72	0	1	
YELL0043	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/11/51-07/01/88	36	23	
YELL0044	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/86-10/24/90	4	16	
YELL0055	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/69-08/18/69	0	1	
YELL0064	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/69-08/18/69	0	1	
YELL0069	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/69-10/22/70	1	7	
YELL0073	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/88-10/03/88	0	1	
YELL0079	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/11/69-10/11/69	0	1	
YELL0092	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/11/69-10/11/69	0	1	
YELL0094	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/69-10/10/69	0	1	
YELL0095	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/09/70-05/11/78	7	2	
YELL0096	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/09/70-09/09/70	0	1	
YELL0097	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/71-09/22/71	0	1	
YELL0111	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/70-09/10/70	0	1	
YELL0122	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/71-10/15/71	0	1	
YELL0127	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/85-09/24/85	0	1	
YELL0130	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/28/74-10/28/74	0	1	
YELL0131	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/70-09/10/70	0	1	
YELL0136	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/68-06/11/68	0	1	
YELL0137	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	06/22/67-10/22/70	3	15	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0138	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/69-10/22/70	1	5	
YELL0141	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/75-08/22/85	9	12	
YELL0142	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/75-08/22/85	9	12	
YELL0143	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/21/69-09/19/76	7	7	
YELL0148	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/69-10/22/70	1	7	
YELL0154	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/68-10/19/70	2	9	
YELL0155	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/71-09/22/71	0	1	
YELL0159	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/19/69-10/19/70	1	6	
YELL0160	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/71-09/22/71	0	1	
YELL0165	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/69-10/22/70	1	7	
YELL0166	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/22/70-06/22/70	0	1	
YELL0167	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/16/64-06/16/64	0	1	
YELL0172	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/85-09/23/85	0	1	
YELL0173	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/68-10/15/68	0	1	
YELL0178	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/13/69-10/13/69	0	1	
YELL0179	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/79-08/22/79	0	1	
YELL0181	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/13/69-10/13/69	0	1	
YELL0183	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/70-09/10/92	21	61	T,S
YELL0184	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/78-08/12/85	6	9	
YELL0185	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/69-08/19/69	0	1	
YELL0186	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/69-08/19/69	0	1	
YELL0187	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-08/12/85	8	11	
YELL0188	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/13/82-08/12/85	3	6	
YELL0190	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/67-10/22/70	3	9	
YELL0192	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/69-08/19/69	0	1	
YELL0204	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/11/83-08/19/92	8	73	T,S
YELL0205	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/67-08/22/67	0	1	
YELL0213	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/68-06/11/68	0	1	
YELL0214	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/68-10/21/70	2	8	
YELL0215	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/68-09/13/68	0	1	
YELL0216	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/76-08/29/85	8	10	
YELL0217	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/76-08/29/85	8	10	
YELL0218	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-08/19/92	8	77	T,A,S
YELL0224	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-11/16/92	9	116	T,A,S
YELL0225	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/02/87-06/02/87	0	1	
YELL0226	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/77-09/07/77	0	1	
YELL0240	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/85-09/24/85	0	1	
YELL0255	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/67-09/19/67	0	1	
YELL0256	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/69-07/23/69	0	1	
YELL0257	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/69-07/23/69	0	1	
YELL0258	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/23/69-06/23/69	0	1	
YELL0259	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/67-09/19/67	0	1	
YELL0260	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/21/73-09/07/88	15	20	
YELL0262	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/86-03/12/86	0	1	
YELL0266	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/67-10/19/70	3	9	
YELL0273	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/69-07/23/69	0	1	
YELL0274	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/67-08/27/69	2	3	
YELL0276	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/85-09/24/85	0	1	
YELL0278	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/29/68-07/29/68	0	1	
YELL0279	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/29/68-07/29/68	0	1	
YELL0280	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/69-07/23/69	0	1	
YELL0281	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/21/73-06/23/76	3	4	
YELL0283	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/09/87-09/24/87	0	6	
YELL0285	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/08/87-09/24/87	0	6	
YELL0286	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/21/73-06/23/76	3	4	
YELL0287	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/22/69-07/22/69	0	1	
YELL0298	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/85-09/25/85	0	1	
YELL0299	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/69-07/24/69	0	1	
YELL0306	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/69-07/17/69	0	1	
YELL0312	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/88-09/07/92	3	42	
YELL0313	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/24/69-06/24/69	0	1	
YELL0314	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/70-09/18/70	0	1	
YELL0320	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-08/14/68	0	1	
YELL0321	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/68-10/21/70	2	7	
YELL0322	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-08/14/68	0	1	
YELL0329	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/69-07/17/69	0	1	
YELL0330	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/69-08/21/69	0	1	
YELL0331	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/21/68-05/21/68	0	1	
YELL0338	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/69-08/21/69	0	1	
YELL0342	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/69-10/20/70	1	7	
YELL0343	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/16/76-03/16/76	0	1	
YELL0344	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	08/21/69-08/21/69	0	1	

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Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0345	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/13/83-04/30/86	2	26	
YELL0346	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/69-10/21/70	1	7	
YELL0347	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/70-09/10/92	22	58	T,S
YELL0348	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/67-08/13/68	1	4	
YELL0349	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/67-08/13/68	0	2	
YELL0350	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/68-04/13/70	1	2	
YELL0359	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/67-10/21/70	3	17	
YELL0360	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/17/68-10/21/70	2	11	
YELL0361	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/69-10/20/70	1	7	
YELL0362	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/26/88-09/11/92	3	46	
YELL0372	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/23/70-06/23/70	0	1	
YELL0374	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/23/70-06/23/70	0	1	
YELL0376	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/68-08/13/68	0	1	
YELL0377	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/69-08/22/69	0	1	
YELL0378	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/69-08/22/69	0	1	
YELL0379	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/23/70-06/23/70	0	1	
YELL0380	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/68-10/20/70	2	8	
YELL0381	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/85-09/23/85	0	1	
YELL0386	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/88-10/20/92	4	41	
YELL0387	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/68-05/23/68	0	1	
YELL0388	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/88-01/12/93	4	43	
YELL0389	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/16/90-09/09/92	2	17	
YELL0390	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/88-09/09/92	3	37	
YELL0400	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/67-01/12/93	25	59	T,S
YELL0401	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/84-01/12/93	8	101	T,A,S
YELL0409	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/86-07/23/86	0	3	
YELL0410	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/68-09/20/68	0	1	
YELL0416	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/82-07/23/86	3	2	
YELL0417	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/82-07/23/86	3	3	
YELL0418	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/71-08/26/71	0	1	
YELL0419	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/78-07/18/78	0	3	
YELL0431	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/71-08/24/71	0	1	
YELL0432	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/71-08/24/71	0	1	
YELL0433	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/71-08/10/71	0	1	
YELL0435	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/82-10/13/83	0	13	
YELL0436	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/71-08/24/71	0	1	
YELL0437	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/82-10/13/83	0	13	
YELL0438	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/83-04/20/83	0	1	
YELL0439	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/71-08/10/71	0	1	
YELL0441	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/71-08/10/71	0	1	
YELL0442	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/91-08/22/91	0	1	
YELL0444	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/85-09/17/85	0	1	
YELL0003	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/23/85-09/23/85	0	1	
YELL0127	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/24/85-09/24/85	0	1	
YELL0172	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/23/85-09/23/85	0	1	
YELL0240	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/24/85-09/24/85	0	1	
YELL0276	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/24/85-09/24/85	0	1	
YELL0298	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/25/85-09/25/85	0	1	
YELL0381	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/23/85-09/23/85	0	1	
YELL0444	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/17/85-09/17/85	0	1	
YELL0004	No	00300	OXYGEN, DISSOLVED MG/L	07/23/91-07/23/91	0	11	
YELL0005	No	00300	OXYGEN, DISSOLVED MG/L	07/23/91-07/23/91	0	1	
YELL0008	Yes	00300	OXYGEN, DISSOLVED MG/L	08/31/76-08/31/76	0	1	
YELL0009	Yes	00300	OXYGEN, DISSOLVED MG/L	08/12/76-08/12/76	0	1	
YELL0017	Yes	00300	OXYGEN, DISSOLVED MG/L	10/04/88-10/04/88	0	1	
YELL0029	Yes	00300	OXYGEN, DISSOLVED MG/L	08/20/76-08/20/76	0	1	
YELL0030	Yes	00300	OXYGEN, DISSOLVED MG/L	08/11/76-08/11/76	0	1	
YELL0038	Yes	00300	OXYGEN, DISSOLVED MG/L	08/26/76-08/26/76	0	1	
YELL0046	Yes	00300	OXYGEN, DISSOLVED MG/L	08/26/76-08/26/76	0	1	
YELL0052	Yes	00300	OXYGEN, DISSOLVED MG/L	08/17/76-08/17/76	0	1	
YELL0054	Yes	00300	OXYGEN, DISSOLVED MG/L	09/02/76-09/02/76	0	1	
YELL0071	Yes	00300	OXYGEN, DISSOLVED MG/L	09/08/78-09/08/78	0	1	
YELL0073	Yes	00300	OXYGEN, DISSOLVED MG/L	10/03/88-10/03/88	0	1	
YELL0076	Yes	00300	OXYGEN, DISSOLVED MG/L	10/03/88-10/03/88	0	1	
YELL0101	Yes	00300	OXYGEN, DISSOLVED MG/L	06/12/85-07/25/85	0	2	
YELL0110	Yes	00300	OXYGEN, DISSOLVED MG/L	08/24/76-08/24/76	0	1	
YELL0112	Yes	00300	OXYGEN, DISSOLVED MG/L	07/29/76-07/29/76	0	1	
YELL0115	Yes	00300	OXYGEN, DISSOLVED MG/L	08/29/79-08/29/79	0	2	
YELL0120	Yes	00300	OXYGEN, DISSOLVED MG/L	09/02/81-09/08/83	2	2	
YELL0126	Yes	00300	OXYGEN, DISSOLVED MG/L	08/15/79-08/15/79	0	1	
YELL0133	Yes	00300	OXYGEN, DISSOLVED MG/L	08/30/77-08/30/77	0	1	
YELL0134	Yes	00300	OXYGEN, DISSOLVED MG/L	08/22/80-08/22/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0141	Yes	00300	OXYGEN, DISSOLVED MG/L	09/19/76-09/19/76	0	1	
YELL0142	Yes	00300	OXYGEN, DISSOLVED MG/L	09/19/76-09/19/76	0	1	
YELL0143	Yes	00300	OXYGEN, DISSOLVED MG/L	09/19/76-09/19/76	0	1	
YELL0146	Yes	00300	OXYGEN, DISSOLVED MG/L	08/15/78-07/19/84	5	3	
YELL0157	Yes	00300	OXYGEN, DISSOLVED MG/L	08/12/79-08/12/79	0	1	
YELL0168	Yes	00300	OXYGEN, DISSOLVED MG/L	09/01/77-09/01/77	0	1	
YELL0174	Yes	00300	OXYGEN, DISSOLVED MG/L	08/07/79-08/07/79	0	1	
YELL0177	Yes	00300	OXYGEN, DISSOLVED MG/L	07/18/81-07/18/81	0	1	
YELL0183	Yes	00300	OXYGEN, DISSOLVED MG/L	09/18/76-09/18/76	0	1	
YELL0187	Yes	00300	OXYGEN, DISSOLVED MG/L	09/18/76-09/18/76	0	1	
YELL0194	Yes	00300	OXYGEN, DISSOLVED MG/L	08/26/77-08/26/77	0	1	
YELL0204	Yes	00300	OXYGEN, DISSOLVED MG/L	10/06/88-11/03/88	0	2	
YELL0207	Yes	00300	OXYGEN, DISSOLVED MG/L	08/18/75-08/18/75	0	1	
YELL0216	Yes	00300	OXYGEN, DISSOLVED MG/L	09/19/76-09/19/76	0	1	
YELL0217	Yes	00300	OXYGEN, DISSOLVED MG/L	09/19/76-09/19/76	0	1	
YELL0218	Yes	00300	OXYGEN, DISSOLVED MG/L	10/06/88-11/03/88	0	2	
YELL0219	Yes	00300	OXYGEN, DISSOLVED MG/L	08/18/75-08/18/75	0	1	
YELL0220	Yes	00300	OXYGEN, DISSOLVED MG/L	08/23/78-08/23/78	0	1	
YELL0221	Yes	00300	OXYGEN, DISSOLVED MG/L	08/23/78-08/23/78	0	1	
YELL0223	Yes	00300	OXYGEN, DISSOLVED MG/L	08/23/78-08/23/78	0	1	
YELL0224	Yes	00300	OXYGEN, DISSOLVED MG/L	04/14/89-11/16/92	3	64	
YELL0227	Yes	00300	OXYGEN, DISSOLVED MG/L	08/15/75-08/15/75	0	1	
YELL0228	Yes	00300	OXYGEN, DISSOLVED MG/L	08/16/75-08/16/75	0	1	
YELL0229	Yes	00300	OXYGEN, DISSOLVED MG/L	08/23/78-08/23/78	0	2	
YELL0230	Yes	00300	OXYGEN, DISSOLVED MG/L	08/23/78-08/23/78	0	1	
YELL0234	Yes	00300	OXYGEN, DISSOLVED MG/L	08/12/75-08/12/75	0	1	
YELL0235	Yes	00300	OXYGEN, DISSOLVED MG/L	08/28/79-08/28/79	0	1	
YELL0242	Yes	00300	OXYGEN, DISSOLVED MG/L	08/24/77-08/24/77	0	1	
YELL0245	Yes	00300	OXYGEN, DISSOLVED MG/L	08/13/74-07/31/80	5	2	
YELL0260	No	00300	OXYGEN, DISSOLVED MG/L	09/30/75-06/23/76	0	4	
YELL0263	Yes	00300	OXYGEN, DISSOLVED MG/L	08/22/75-08/22/75	0	1	
YELL0264	Yes	00300	OXYGEN, DISSOLVED MG/L	09/07/83-09/07/83	0	1	
YELL0267	Yes	00300	OXYGEN, DISSOLVED MG/L	08/11/75-08/11/75	0	1	
YELL0270	Yes	00300	OXYGEN, DISSOLVED MG/L	08/17/78-08/17/78	0	1	
YELL0272	Yes	00300	OXYGEN, DISSOLVED MG/L	09/05/74-09/05/74	0	1	
YELL0281	No	00300	OXYGEN, DISSOLVED MG/L	09/30/75-06/23/76	0	4	
YELL0286	No	00300	OXYGEN, DISSOLVED MG/L	09/30/75-06/23/76	0	4	
YELL0289	Yes	00300	OXYGEN, DISSOLVED MG/L	09/13/74-09/13/74	0	1	
YELL0290	Yes	00300	OXYGEN, DISSOLVED MG/L	07/27/76-07/27/76	0	1	
YELL0296	Yes	00300	OXYGEN, DISSOLVED MG/L	08/28/78-08/29/78	0	2	
YELL0297	Yes	00300	OXYGEN, DISSOLVED MG/L	08/30/78-08/30/78	0	1	
YELL0301	Yes	00300	OXYGEN, DISSOLVED MG/L	08/14/80-08/14/80	0	1	
YELL0305	Yes	00300	OXYGEN, DISSOLVED MG/L	09/01/79-09/01/79	0	1	
YELL0310	Yes	00300	OXYGEN, DISSOLVED MG/L	08/17/77-08/17/77	0	1	
YELL0312	Yes	00300	OXYGEN, DISSOLVED MG/L	11/02/88-11/02/88	0	1	
YELL0325	Yes	00300	OXYGEN, DISSOLVED MG/L	07/12/74-07/12/74	0	1	
YELL0337	Yes	00300	OXYGEN, DISSOLVED MG/L	08/06/75-08/06/75	0	1	
YELL0341	Yes	00300	OXYGEN, DISSOLVED MG/L	09/15/74-09/15/74	0	1	
YELL0347	Yes	00300	OXYGEN, DISSOLVED MG/L	10/05/88-11/02/88	0	2	
YELL0352	Yes	00300	OXYGEN, DISSOLVED MG/L	08/04/77-08/04/77	0	1	
YELL0353	Yes	00300	OXYGEN, DISSOLVED MG/L	08/03/77-08/03/77	0	1	
YELL0357	Yes	00300	OXYGEN, DISSOLVED MG/L	07/24/75-07/24/75	0	1	
YELL0362	Yes	00300	OXYGEN, DISSOLVED MG/L	11/01/88-11/01/88	0	1	
YELL0365	Yes	00300	OXYGEN, DISSOLVED MG/L	07/25/74-07/25/74	0	1	
YELL0367	Yes	00300	OXYGEN, DISSOLVED MG/L	08/03/76-08/03/76	0	1	
YELL0368	Yes	00300	OXYGEN, DISSOLVED MG/L	07/30/75-07/30/75	0	1	
YELL0382	Yes	00300	OXYGEN, DISSOLVED MG/L	08/04/76-08/04/76	0	1	
YELL0383	Yes	00300	OXYGEN, DISSOLVED MG/L	09/18/74-09/18/74	0	1	
YELL0384	Yes	00300	OXYGEN, DISSOLVED MG/L	08/30/79-08/30/79	0	1	
YELL0398	Yes	00300	OXYGEN, DISSOLVED MG/L	07/17/75-07/17/75	0	1	
YELL0401	Yes	00300	OXYGEN, DISSOLVED MG/L	10/04/88-11/01/88	0	2	
YELL0402	Yes	00300	OXYGEN, DISSOLVED MG/L	08/05/76-08/05/76	0	1	
YELL0404	Yes	00300	OXYGEN, DISSOLVED MG/L	07/16/75-07/16/75	0	1	
YELL0412	Yes	00300	OXYGEN, DISSOLVED MG/L	07/23/74-07/23/74	0	1	
YELL0413	Yes	00300	OXYGEN, DISSOLVED MG/L	09/20/74-09/20/74	0	1	
YELL0427	Yes	00300	OXYGEN, DISSOLVED MG/L	09/01/79-09/01/79	0	1	
YELL0428	Yes	00300	OXYGEN, DISSOLVED MG/L	09/01/79-09/01/79	0	1	
YELL0429	Yes	00300	OXYGEN, DISSOLVED MG/L	09/01/79-09/01/79	0	1	
YELL0005	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/23/91-07/23/91	0	1	
YELL0004	No	00335	COD, .025N K2CR2O7 MG/L	07/23/91-07/23/91	0	2	
YELL0005	No	00335	COD, .025N K2CR2O7 MG/L	07/23/91-07/23/91	0	1	
YELL0001	No	00400	PH (STANDARD UNITS)	08/08/74-08/29/75	1	5	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0002	No	00400	PH (STANDARD UNITS)	09/19/74-09/19/74	0	1	
YELL0004	No	00400	PH (STANDARD UNITS)	07/23/91-07/23/91	0	11	
YELL0005	No	00400	PH (STANDARD UNITS)	07/23/91-07/23/91	0	1	
YELL0006	No	00400	PH (STANDARD UNITS)	08/17/82-09/15/82	0	2	
YELL0008	Yes	00400	PH (STANDARD UNITS)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00400	PH (STANDARD UNITS)	08/12/76-08/12/76	0	1	
YELL0017	Yes	00400	PH (STANDARD UNITS)	10/04/88-10/04/88	0	1	
YELL0018	Yes	00400	PH (STANDARD UNITS)	10/17/70-10/17/70	0	1	
YELL0019	Yes	00400	PH (STANDARD UNITS)	09/17/70-09/17/70	0	1	
YELL0020	Yes	00400	PH (STANDARD UNITS)	06/24/70-06/24/70	0	1	
YELL0021	Yes	00400	PH (STANDARD UNITS)	08/22/69-08/22/69	0	1	
YELL0022	Yes	00400	PH (STANDARD UNITS)	09/17/70-09/17/70	0	1	
YELL0029	Yes	00400	PH (STANDARD UNITS)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00400	PH (STANDARD UNITS)	08/11/76-08/11/76	0	1	
YELL0033	No	00400	PH (STANDARD UNITS)	08/30/72-08/30/72	0	1	
YELL0038	Yes	00400	PH (STANDARD UNITS)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00400	PH (STANDARD UNITS)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00400	PH (STANDARD UNITS)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00400	PH (STANDARD UNITS)	09/02/76-09/02/76	0	1	
YELL0055	Yes	00400	PH (STANDARD UNITS)	08/18/69-08/18/69	0	1	
YELL0064	Yes	00400	PH (STANDARD UNITS)	08/18/69-08/18/69	0	1	
YELL0065	Yes	00400	PH (STANDARD UNITS)	07/13/78-10/10/85	7	35	
YELL0069	Yes	00400	PH (STANDARD UNITS)	05/22/69-10/22/70	1	7	
YELL0071	Yes	00400	PH (STANDARD UNITS)	09/08/78-09/08/78	0	1	
YELL0073	Yes	00400	PH (STANDARD UNITS)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00400	PH (STANDARD UNITS)	10/03/88-10/03/88	0	1	
YELL0079	Yes	00400	PH (STANDARD UNITS)	10/11/69-10/11/69	0	1	
YELL0092	Yes	00400	PH (STANDARD UNITS)	10/11/69-10/11/69	0	1	
YELL0094	Yes	00400	PH (STANDARD UNITS)	10/10/69-10/10/69	0	1	
YELL0095	Yes	00400	PH (STANDARD UNITS)	09/09/70-09/09/70	0	1	
YELL0096	Yes	00400	PH (STANDARD UNITS)	09/09/70-09/09/70	0	1	
YELL0097	Yes	00400	PH (STANDARD UNITS)	09/22/71-09/22/71	0	1	
YELL0101	Yes	00400	PH (STANDARD UNITS)	07/19/76-09/30/85	9	8	
YELL0103	Yes	00400	PH (STANDARD UNITS)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00400	PH (STANDARD UNITS)	05/26/77-09/27/84	7	22	
YELL0109	Yes	00400	PH (STANDARD UNITS)	07/19/76-09/13/84	8	36	T,S
YELL0110	Yes	00400	PH (STANDARD UNITS)	08/24/76-08/24/76	0	1	
YELL0111	Yes	00400	PH (STANDARD UNITS)	09/10/70-09/10/70	0	1	
YELL0112	Yes	00400	PH (STANDARD UNITS)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00400	PH (STANDARD UNITS)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00400	PH (STANDARD UNITS)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00400	PH (STANDARD UNITS)	07/27/74-08/07/84	10	5	
YELL0121	Yes	00400	PH (STANDARD UNITS)	09/06/79-08/23/82	2	7	
YELL0122	Yes	00400	PH (STANDARD UNITS)	10/15/71-10/15/71	0	1	
YELL0126	Yes	00400	PH (STANDARD UNITS)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00400	PH (STANDARD UNITS)	08/04/83-08/04/83	0	1	
YELL0130	Yes	00400	PH (STANDARD UNITS)	10/28/74-10/28/74	0	1	
YELL0131	Yes	00400	PH (STANDARD UNITS)	09/10/70-09/10/70	0	1	
YELL0133	Yes	00400	PH (STANDARD UNITS)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00400	PH (STANDARD UNITS)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00400	PH (STANDARD UNITS)	05/24/78-09/27/84	6	19	
YELL0136	Yes	00400	PH (STANDARD UNITS)	06/11/68-06/11/68	0	1	
YELL0137	Yes	00400	PH (STANDARD UNITS)	06/22/67-10/22/70	3	15	
YELL0138	Yes	00400	PH (STANDARD UNITS)	05/22/69-10/22/70	1	5	
YELL0141	Yes	00400	PH (STANDARD UNITS)	10/21/75-07/28/81	5	6	
YELL0142	Yes	00400	PH (STANDARD UNITS)	10/21/75-07/28/81	5	6	
YELL0143	Yes	00400	PH (STANDARD UNITS)	05/21/69-09/19/76	7	7	
YELL0146	Yes	00400	PH (STANDARD UNITS)	08/15/78-08/07/85	6	3	
YELL0148	Yes	00400	PH (STANDARD UNITS)	05/22/69-10/22/70	1	7	
YELL0154	Yes	00400	PH (STANDARD UNITS)	08/16/68-10/19/70	2	9	
YELL0155	Yes	00400	PH (STANDARD UNITS)	09/22/71-09/22/71	0	1	
YELL0156	Yes	00400	PH (STANDARD UNITS)	05/24/78-09/27/84	6	21	
YELL0157	Yes	00400	PH (STANDARD UNITS)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00400	PH (STANDARD UNITS)	08/12/79-08/12/79	0	1	
YELL0159	Yes	00400	PH (STANDARD UNITS)	05/19/69-10/19/70	1	6	
YELL0160	Yes	00400	PH (STANDARD UNITS)	09/22/71-09/22/71	0	1	
YELL0165	Yes	00400	PH (STANDARD UNITS)	05/22/69-10/22/70	1	7	
YELL0166	Yes	00400	PH (STANDARD UNITS)	06/22/70-06/22/70	0	1	
YELL0167	Yes	00400	PH (STANDARD UNITS)	06/16/64-06/16/64	0	1	
YELL0168	Yes	00400	PH (STANDARD UNITS)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00400	PH (STANDARD UNITS)	10/12/79-10/12/79	0	1	
YELL0173	Yes	00400	PH (STANDARD UNITS)	10/15/68-10/15/68	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0174	Yes	00400	PH (STANDARD UNITS)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00400	PH (STANDARD UNITS)	10/16/79-07/18/81	1	2	
YELL0178	Yes	00400	PH (STANDARD UNITS)	10/13/69-10/13/69	0	1	
YELL0179	Yes	00400	PH (STANDARD UNITS)	08/22/79-08/22/79	0	1	
YELL0181	Yes	00400	PH (STANDARD UNITS)	10/13/69-10/13/69	0	1	
YELL0183	Yes	00400	PH (STANDARD UNITS)	10/19/70-09/18/76	5	2	
YELL0184	Yes	00400	PH (STANDARD UNITS)	08/17/78-07/22/81	2	3	
YELL0185	Yes	00400	PH (STANDARD UNITS)	08/19/69-08/19/69	0	1	
YELL0186	Yes	00400	PH (STANDARD UNITS)	08/19/69-08/19/69	0	1	
YELL0187	Yes	00400	PH (STANDARD UNITS)	09/18/76-07/22/81	4	5	
YELL0189	Yes	00400	PH (STANDARD UNITS)	06/30/76-06/30/76	0	1	
YELL0190	Yes	00400	PH (STANDARD UNITS)	08/18/67-10/22/70	3	9	
YELL0192	Yes	00400	PH (STANDARD UNITS)	08/19/69-08/19/69	0	1	
YELL0194	Yes	00400	PH (STANDARD UNITS)	08/26/77-08/26/77	0	1	
YELL0204	Yes	00400	PH (STANDARD UNITS)	10/06/88-11/03/88	0	2	
YELL0205	Yes	00400	PH (STANDARD UNITS)	08/22/67-08/22/67	0	1	
YELL0207	Yes	00400	PH (STANDARD UNITS)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00400	PH (STANDARD UNITS)	10/12/79-10/12/79	0	1	
YELL0213	Yes	00400	PH (STANDARD UNITS)	06/11/68-06/11/68	0	1	
YELL0214	Yes	00400	PH (STANDARD UNITS)	09/16/68-10/21/70	2	8	
YELL0215	Yes	00400	PH (STANDARD UNITS)	09/13/68-09/13/68	0	1	
YELL0216	Yes	00400	PH (STANDARD UNITS)	09/19/76-07/24/81	4	5	
YELL0217	Yes	00400	PH (STANDARD UNITS)	09/19/76-07/24/81	4	5	
YELL0218	Yes	00400	PH (STANDARD UNITS)	10/06/88-08/11/89	0	3	
YELL0219	Yes	00400	PH (STANDARD UNITS)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00400	PH (STANDARD UNITS)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00400	PH (STANDARD UNITS)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00400	PH (STANDARD UNITS)	08/23/78-08/23/78	0	1	
YELL0224	Yes	00400	PH (STANDARD UNITS)	04/14/89-11/16/92	3	63	
YELL0226	No	00400	PH (STANDARD UNITS)	09/07/77-09/07/77	0	1	
YELL0227	Yes	00400	PH (STANDARD UNITS)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00400	PH (STANDARD UNITS)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00400	PH (STANDARD UNITS)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00400	PH (STANDARD UNITS)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00400	PH (STANDARD UNITS)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00400	PH (STANDARD UNITS)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00400	PH (STANDARD UNITS)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00400	PH (STANDARD UNITS)	08/13/74-07/31/80	5	3	
YELL0255	Yes	00400	PH (STANDARD UNITS)	09/19/67-09/19/67	0	1	
YELL0256	Yes	00400	PH (STANDARD UNITS)	07/23/69-07/23/69	0	1	
YELL0257	Yes	00400	PH (STANDARD UNITS)	07/23/69-07/23/69	0	1	
YELL0258	Yes	00400	PH (STANDARD UNITS)	06/23/69-06/23/69	0	1	
YELL0259	Yes	00400	PH (STANDARD UNITS)	09/19/67-09/19/67	0	1	
YELL0260	No	00400	PH (STANDARD UNITS)	09/30/75-06/23/76	0	4	
YELL0263	Yes	00400	PH (STANDARD UNITS)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00400	PH (STANDARD UNITS)	09/07/83-09/07/83	0	1	
YELL0266	Yes	00400	PH (STANDARD UNITS)	08/22/67-10/19/70	3	9	
YELL0267	Yes	00400	PH (STANDARD UNITS)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00400	PH (STANDARD UNITS)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00400	PH (STANDARD UNITS)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00400	PH (STANDARD UNITS)	09/05/74-09/05/74	0	1	
YELL0273	Yes	00400	PH (STANDARD UNITS)	07/23/69-07/23/69	0	1	
YELL0274	Yes	00400	PH (STANDARD UNITS)	08/22/67-08/27/69	2	3	
YELL0278	Yes	00400	PH (STANDARD UNITS)	07/29/68-07/29/68	0	1	
YELL0279	Yes	00400	PH (STANDARD UNITS)	07/29/68-07/29/68	0	1	
YELL0280	Yes	00400	PH (STANDARD UNITS)	07/23/69-07/23/69	0	1	
YELL0281	No	00400	PH (STANDARD UNITS)	09/30/75-06/23/76	0	4	
YELL0286	No	00400	PH (STANDARD UNITS)	09/30/75-06/23/76	0	4	
YELL0287	Yes	00400	PH (STANDARD UNITS)	07/22/69-07/22/69	0	1	
YELL0289	Yes	00400	PH (STANDARD UNITS)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00400	PH (STANDARD UNITS)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00400	PH (STANDARD UNITS)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00400	PH (STANDARD UNITS)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00400	PH (STANDARD UNITS)	08/30/78-08/30/78	0	1	
YELL0299	Yes	00400	PH (STANDARD UNITS)	07/24/69-07/24/69	0	1	
YELL0301	Yes	00400	PH (STANDARD UNITS)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00400	PH (STANDARD UNITS)	09/01/79-09/01/79	0	1	
YELL0306	Yes	00400	PH (STANDARD UNITS)	07/17/69-07/17/69	0	1	
YELL0310	Yes	00400	PH (STANDARD UNITS)	08/17/77-08/17/77	0	1	
YELL0312	Yes	00400	PH (STANDARD UNITS)	11/02/88-11/02/88	0	1	
YELL0313	Yes	00400	PH (STANDARD UNITS)	06/24/69-06/24/69	0	1	
YELL0314	Yes	00400	PH (STANDARD UNITS)	09/18/70-09/18/70	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0320	Yes	00400	PH (STANDARD UNITS)	08/14/68-08/14/68	0	1	
YELL0321	Yes	00400	PH (STANDARD UNITS)	06/08/68-10/21/70	2	7	
YELL0322	Yes	00400	PH (STANDARD UNITS)	08/14/68-08/14/68	0	1	
YELL0325	Yes	00400	PH (STANDARD UNITS)	07/12/74-07/12/74	0	1	
YELL0329	Yes	00400	PH (STANDARD UNITS)	07/17/69-07/17/69	0	1	
YELL0330	Yes	00400	PH (STANDARD UNITS)	08/21/69-08/21/69	0	1	
YELL0331	Yes	00400	PH (STANDARD UNITS)	05/21/68-05/21/68	0	1	
YELL0337	Yes	00400	PH (STANDARD UNITS)	08/06/75-08/06/75	0	1	
YELL0338	Yes	00400	PH (STANDARD UNITS)	08/21/69-08/21/69	0	1	
YELL0341	Yes	00400	PH (STANDARD UNITS)	09/15/74-09/15/74	0	1	
YELL0342	Yes	00400	PH (STANDARD UNITS)	05/20/69-10/20/70	1	7	
YELL0344	Yes	00400	PH (STANDARD UNITS)	08/21/69-08/21/69	0	1	
YELL0346	Yes	00400	PH (STANDARD UNITS)	05/22/69-10/21/70	1	7	
YELL0347	Yes	00400	PH (STANDARD UNITS)	05/12/70-11/02/88	18	5	
YELL0348	Yes	00400	PH (STANDARD UNITS)	06/17/67-08/13/68	1	4	
YELL0349	Yes	00400	PH (STANDARD UNITS)	09/20/67-08/13/68	0	2	
YELL0350	Yes	00400	PH (STANDARD UNITS)	08/13/68-04/13/70	1	2	
YELL0352	Yes	00400	PH (STANDARD UNITS)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00400	PH (STANDARD UNITS)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00400	PH (STANDARD UNITS)	07/24/75-07/24/75	0	1	
YELL0359	Yes	00400	PH (STANDARD UNITS)	05/26/67-10/21/70	3	17	
YELL0360	Yes	00400	PH (STANDARD UNITS)	05/17/68-10/21/70	2	11	
YELL0361	Yes	00400	PH (STANDARD UNITS)	05/20/69-10/20/70	1	7	
YELL0362	Yes	00400	PH (STANDARD UNITS)	11/01/88-11/01/88	0	1	
YELL0365	Yes	00400	PH (STANDARD UNITS)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00400	PH (STANDARD UNITS)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00400	PH (STANDARD UNITS)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00400	PH (STANDARD UNITS)	07/30/75-07/30/75	0	1	
YELL0372	Yes	00400	PH (STANDARD UNITS)	06/23/70-06/23/70	0	1	
YELL0373	Yes	00400	PH (STANDARD UNITS)	09/26/75-09/26/75	0	1	
YELL0374	Yes	00400	PH (STANDARD UNITS)	06/23/70-06/23/70	0	1	
YELL0376	Yes	00400	PH (STANDARD UNITS)	08/13/68-08/13/68	0	1	
YELL0377	Yes	00400	PH (STANDARD UNITS)	08/22/69-08/22/69	0	1	
YELL0378	Yes	00400	PH (STANDARD UNITS)	08/22/69-08/22/69	0	1	
YELL0379	Yes	00400	PH (STANDARD UNITS)	06/23/70-06/23/70	0	1	
YELL0380	Yes	00400	PH (STANDARD UNITS)	08/13/68-10/20/70	2	8	
YELL0382	Yes	00400	PH (STANDARD UNITS)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00400	PH (STANDARD UNITS)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00400	PH (STANDARD UNITS)	08/30/79-08/30/79	0	1	
YELL0387	Yes	00400	PH (STANDARD UNITS)	05/23/68-05/23/68	0	1	
YELL0398	Yes	00400	PH (STANDARD UNITS)	07/17/75-07/17/75	0	1	
YELL0400	Yes	00400	PH (STANDARD UNITS)	05/11/67-05/11/67	0	1	
YELL0401	Yes	00400	PH (STANDARD UNITS)	10/04/88-11/01/88	0	2	
YELL0402	Yes	00400	PH (STANDARD UNITS)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00400	PH (STANDARD UNITS)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00400	PH (STANDARD UNITS)	07/16/75-07/16/75	0	1	
YELL0409	No	00400	PH (STANDARD UNITS)	07/23/86-07/23/86	0	3	
YELL0410	Yes	00400	PH (STANDARD UNITS)	09/20/68-09/20/68	0	1	
YELL0412	Yes	00400	PH (STANDARD UNITS)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00400	PH (STANDARD UNITS)	09/20/74-09/20/74	0	1	
YELL0416	No	00400	PH (STANDARD UNITS)	07/23/86-07/23/86	0	1	
YELL0417	No	00400	PH (STANDARD UNITS)	07/23/86-07/23/86	0	2	
YELL0427	Yes	00400	PH (STANDARD UNITS)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00400	PH (STANDARD UNITS)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00400	PH (STANDARD UNITS)	09/01/79-09/01/79	0	1	
YELL0435	No	00400	PH (STANDARD UNITS)	11/15/82-10/13/83	0	13	
YELL0437	No	00400	PH (STANDARD UNITS)	11/15/82-10/13/83	0	13	
YELL0003	No	00403	PH, LAB, STANDARD UNITS SU	09/23/85-09/23/85	0	1	
YELL0017	Yes	00403	PH, LAB, STANDARD UNITS SU	10/04/88-10/04/88	0	1	
YELL0043	Yes	00403	PH, LAB, STANDARD UNITS SU	01/11/85-06/25/86	1	5	
YELL0044	Yes	00403	PH, LAB, STANDARD UNITS SU	02/10/87-02/10/87	0	1	
YELL0073	Yes	00403	PH, LAB, STANDARD UNITS SU	10/03/88-10/03/88	0	1	
YELL0076	Yes	00403	PH, LAB, STANDARD UNITS SU	10/03/88-10/03/88	0	1	
YELL0127	Yes	00403	PH, LAB, STANDARD UNITS SU	09/24/85-09/24/85	0	1	
YELL0141	Yes	00403	PH, LAB, STANDARD UNITS SU	07/28/81-07/28/81	0	1	
YELL0142	Yes	00403	PH, LAB, STANDARD UNITS SU	07/28/81-07/28/81	0	1	
YELL0172	Yes	00403	PH, LAB, STANDARD UNITS SU	09/23/85-09/23/85	0	1	
YELL0184	Yes	00403	PH, LAB, STANDARD UNITS SU	07/22/81-07/22/81	0	1	
YELL0187	Yes	00403	PH, LAB, STANDARD UNITS SU	07/22/81-08/21/84	3	2	
YELL0188	Yes	00403	PH, LAB, STANDARD UNITS SU	08/21/84-08/21/84	0	1	
YELL0204	Yes	00403	PH, LAB, STANDARD UNITS SU	08/21/84-11/03/88	4	3	
YELL0216	Yes	00403	PH, LAB, STANDARD UNITS SU	07/24/81-07/24/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0217	Yes	00403	PH, LAB, STANDARD UNITS SU	07/24/81-07/24/81	0	1	
YELL0218	Yes	00403	PH, LAB, STANDARD UNITS SU	08/22/84-08/11/89	4	4	
YELL0224	Yes	00403	PH, LAB, STANDARD UNITS SU	08/21/84-11/16/92	8	18	
YELL0240	Yes	00403	PH, LAB, STANDARD UNITS SU	09/24/85-09/24/85	0	1	
YELL0260	No	00403	PH, LAB, STANDARD UNITS SU	03/21/73-06/23/76	3	4	
YELL0276	Yes	00403	PH, LAB, STANDARD UNITS SU	09/24/85-09/24/85	0	1	
YELL0281	No	00403	PH, LAB, STANDARD UNITS SU	03/21/73-06/23/76	3	4	
YELL0286	No	00403	PH, LAB, STANDARD UNITS SU	03/21/73-06/23/76	3	4	
YELL0298	Yes	00403	PH, LAB, STANDARD UNITS SU	09/25/85-09/25/85	0	1	
YELL0312	Yes	00403	PH, LAB, STANDARD UNITS SU	11/02/88-11/02/88	0	1	
YELL0343	Yes	00403	PH, LAB, STANDARD UNITS SU	03/16/76-03/16/76	0	1	
YELL0347	Yes	00403	PH, LAB, STANDARD UNITS SU	10/05/88-11/02/88	0	2	
YELL0362	Yes	00403	PH, LAB, STANDARD UNITS SU	11/01/88-11/01/88	0	1	
YELL0381	Yes	00403	PH, LAB, STANDARD UNITS SU	09/23/85-09/23/85	0	1	
YELL0386	Yes	00403	PH, LAB, STANDARD UNITS SU	10/05/88-06/26/91	2	6	
YELL0388	Yes	00403	PH, LAB, STANDARD UNITS SU	10/06/88-06/26/91	2	6	
YELL0389	Yes	00403	PH, LAB, STANDARD UNITS SU	11/15/90-06/26/91	0	2	
YELL0390	Yes	00403	PH, LAB, STANDARD UNITS SU	06/06/89-06/26/91	2	5	
YELL0400	Yes	00403	PH, LAB, STANDARD UNITS SU	10/05/88-06/26/91	2	6	
YELL0401	Yes	00403	PH, LAB, STANDARD UNITS SU	10/04/88-06/26/91	2	7	
YELL0416	No	00403	PH, LAB, STANDARD UNITS SU	08/13/82-08/13/82	0	1	
YELL0417	No	00403	PH, LAB, STANDARD UNITS SU	08/13/82-08/13/82	0	1	
YELL0418	No	00403	PH, LAB, STANDARD UNITS SU	08/26/71-08/26/71	0	1	
YELL0419	Yes	00403	PH, LAB, STANDARD UNITS SU	01/26/78-07/18/78	0	3	
YELL0431	No	00403	PH, LAB, STANDARD UNITS SU	08/24/71-08/24/71	0	1	
YELL0432	No	00403	PH, LAB, STANDARD UNITS SU	08/24/71-08/24/71	0	1	
YELL0433	No	00403	PH, LAB, STANDARD UNITS SU	08/10/71-08/10/71	0	1	
YELL0434	No	00403	PH, LAB, STANDARD UNITS SU	04/20/83-04/20/83	0	1	
YELL0436	Yes	00403	PH, LAB, STANDARD UNITS SU	08/24/71-08/24/71	0	1	
YELL0438	No	00403	PH, LAB, STANDARD UNITS SU	04/20/83-04/20/83	0	1	
YELL0439	No	00403	PH, LAB, STANDARD UNITS SU	08/10/71-08/10/71	0	1	
YELL0441	No	00403	PH, LAB, STANDARD UNITS SU	08/10/71-08/10/71	0	1	
YELL0442	No	00403	PH, LAB, STANDARD UNITS SU	08/22/91-08/22/91	0	1	
YELL0444	No	00403	PH, LAB, STANDARD UNITS SU	09/17/85-09/17/85	0	1	
YELL0001	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/08/74-08/08/74	0	1	
YELL0008	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/76-08/12/76	0	1	
YELL0029	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/11/76-08/11/76	0	1	
YELL0033	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/72-08/30/72	0	1	
YELL0038	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/13/78-10/10/85	7	35	
YELL0071	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/08/78-09/08/78	0	1	
YELL0097	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/22/71-09/22/71	0	1	
YELL0101	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/06/79-08/23/82	2	8	
YELL0122	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/15/71-10/15/71	0	1	
YELL0126	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/04/83-08/04/83	0	1	
YELL0130	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/28/74-10/28/74	0	1	
YELL0133	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/24/78-09/27/84	6	21	
YELL0141	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/21/75-08/20/78	2	3	
YELL0142	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/21/75-08/20/78	2	3	
YELL0143	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/19/76-09/19/76	0	1	
YELL0146	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/15/78-08/07/85	6	4	
YELL0155	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/22/71-09/22/71	0	1	
YELL0156	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/79-08/12/79	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0160	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/22/71-09/22/71	0	1	
YELL0168	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/16/79-07/18/81	1	2	
YELL0179	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/22/79-08/22/79	0	1	
YELL0183	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/18/76-09/18/76	0	1	
YELL0184	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/78-08/17/78	0	1	
YELL0187	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/18/76-08/22/79	2	3	
YELL0189	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/77-08/26/77	0	1	
YELL0207	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/12/79-10/12/79	0	1	
YELL0216	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/19/76-08/24/79	2	3	
YELL0217	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/19/76-08/24/79	2	3	
YELL0219	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/23/78-08/23/78	0	1	
YELL0226	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/07/77-09/07/77	0	1	
YELL0227	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/13/74-07/31/80	5	3	
YELL0263	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/07/83-09/07/83	0	1	
YELL0267	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/05/74-09/05/74	0	1	
YELL0289	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/01/79-09/01/79	0	1	
YELL0310	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/77-08/17/77	0	1	
YELL0325	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/15/74-09/15/74	0	1	
YELL0352	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/03/77-08/03/77	0	1	
YELL0365	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/17/75-07/17/75	0	1	
YELL0402	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/20/74-09/20/74	0	1	
YELL0427	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/01/79-09/01/79	0	1	
YELL0003	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/23/85-09/23/85	0	1	
YELL0127	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/24/85-09/24/85	0	1	
YELL0172	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/23/85-09/23/85	0	1	
YELL0240	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/24/85-09/24/85	0	1	
YELL0276	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/24/85-09/24/85	0	1	
YELL0298	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/25/85-09/25/85	0	1	
YELL0381	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/23/85-09/23/85	0	1	
YELL0444	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/17/85-09/17/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0001	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/08/74-08/08/74	0	1	
YELL0018	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/70-10/17/70	0	1	
YELL0019	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/17/70-09/17/70	0	1	
YELL0020	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/24/70-06/24/70	0	1	
YELL0021	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/69-08/22/69	0	1	
YELL0022	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/17/70-09/17/70	0	1	
YELL0033	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/72-08/30/72	0	1	
YELL0055	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/69-08/18/69	0	1	
YELL0064	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/69-08/18/69	0	1	
YELL0069	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/22/69-10/22/70	1	7	
YELL0079	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/69-10/11/69	0	1	
YELL0092	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/69-10/11/69	0	1	
YELL0094	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/10/69-10/10/69	0	1	
YELL0095	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/09/70-09/09/70	0	1	
YELL0096	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/09/70-09/09/70	0	1	
YELL0097	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/22/71-09/22/71	0	1	
YELL0111	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/70-09/10/70	0	1	
YELL0122	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/71-10/15/71	0	1	
YELL0130	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/28/74-10/28/74	0	1	
YELL0131	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/70-09/10/70	0	1	
YELL0136	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/68-06/11/68	0	1	
YELL0137	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/22/67-10/22/70	3	15	
YELL0138	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/22/69-10/22/70	1	5	
YELL0141	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/75-09/03/80	4	5	
YELL0142	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/75-09/03/80	4	5	
YELL0143	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/69-09/19/76	7	7	
YELL0148	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/22/69-10/22/70	1	7	
YELL0154	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/16/68-10/19/70	2	9	
YELL0155	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/22/71-09/22/71	0	1	
YELL0159	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/19/69-10/19/70	1	6	
YELL0160	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/22/71-09/22/71	0	1	
YELL0165	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/22/69-10/22/70	1	7	
YELL0166	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/22/70-06/22/70	0	1	
YELL0173	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/68-10/15/68	0	1	
YELL0178	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/69-10/13/69	0	1	
YELL0179	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/79-08/22/79	0	1	
YELL0181	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/69-10/13/69	0	1	
YELL0183	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/70-09/18/76	5	2	
YELL0184	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/78-08/29/80	2	2	
YELL0185	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/69-08/19/69	0	1	
YELL0186	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/69-08/19/69	0	1	
YELL0187	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/18/76-08/29/80	3	4	
YELL0190	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/67-10/22/70	3	9	
YELL0192	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/69-08/19/69	0	1	
YELL0204	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/88-11/03/88	0	2	
YELL0205	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/67-08/22/67	0	1	
YELL0213	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/68-06/11/68	0	1	
YELL0214	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/16/68-10/21/70	2	8	
YELL0215	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/13/68-09/13/68	0	1	
YELL0216	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/76-09/05/80	3	4	
YELL0217	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/76-09/05/80	3	4	
YELL0218	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/88-11/03/88	0	2	
YELL0224	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/90-08/26/90	0	48	
YELL0226	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/77-09/07/77	0	1	
YELL0255	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/67-09/19/67	0	1	
YELL0256	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/69-07/23/69	0	1	
YELL0257	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/69-07/23/69	0	1	
YELL0258	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/23/69-06/23/69	0	1	
YELL0259	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/67-09/19/67	0	1	
YELL0260	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/21/73-05/25/76	3	3	
YELL0266	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/67-10/19/70	3	9	
YELL0273	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/69-07/23/69	0	1	
YELL0274	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/67-08/27/69	2	3	
YELL0278	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/68-07/29/68	0	1	
YELL0279	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/68-07/29/68	0	1	
YELL0280	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/69-07/23/69	0	1	
YELL0281	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/21/73-05/25/76	3	3	
YELL0286	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/21/73-05/25/76	3	3	
YELL0287	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/22/69-07/22/69	0	1	
YELL0299	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/69-07/24/69	0	1	
YELL0306	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/69-07/17/69	0	1	
YELL0312	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/02/88-11/02/88	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0313	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/24/69-06/24/69	0	1	
YELL0314	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/18/70-09/18/70	0	1	
YELL0320	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/68-08/14/68	0	1	
YELL0321	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/68-10/21/70	2	7	
YELL0322	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/68-08/14/68	0	1	
YELL0329	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/69-07/17/69	0	1	
YELL0330	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/69-08/21/69	0	1	
YELL0331	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-05/21/68	0	1	
YELL0338	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/69-08/21/69	0	1	
YELL0342	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/20/69-10/20/70	1	7	
YELL0343	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/16/76-03/16/76	0	1	
YELL0344	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/69-08/21/69	0	1	
YELL0346	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/22/69-10/21/70	1	7	
YELL0347	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/12/70-11/02/88	18	5	
YELL0348	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/67-08/13/68	1	4	
YELL0349	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/67-08/13/68	0	2	
YELL0350	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/68-04/13/70	1	2	
YELL0359	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/26/67-10/21/70	3	17	
YELL0360	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/17/68-10/21/70	2	11	
YELL0361	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/20/69-10/20/70	1	7	
YELL0362	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/01/88-11/01/88	0	1	
YELL0372	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/23/70-06/23/70	0	1	
YELL0374	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/23/70-06/23/70	0	1	
YELL0376	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/68-08/13/68	0	1	
YELL0377	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/69-08/22/69	0	1	
YELL0378	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/69-08/22/69	0	1	
YELL0379	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/23/70-06/23/70	0	1	
YELL0380	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/68-10/20/70	2	8	
YELL0387	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/68-05/23/68	0	1	
YELL0400	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/11/67-05/11/67	0	1	
YELL0401	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/04/88-11/01/88	0	2	
YELL0409	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/86-07/23/86	0	1	
YELL0410	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/68-09/20/68	0	1	
YELL0416	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/82-07/23/86	3	2	
YELL0417	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/82-07/23/86	3	3	
YELL0418	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/71-08/26/71	0	1	
YELL0419	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/78-07/18/78	0	3	
YELL0431	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/71-08/24/71	0	1	
YELL0432	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/71-08/24/71	0	1	
YELL0433	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/10/71-08/10/71	0	1	
YELL0436	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/71-08/24/71	0	1	
YELL0439	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/10/71-08/10/71	0	1	
YELL0441	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/10/71-08/10/71	0	1	
YELL0442	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/91-08/22/91	0	1	
YELL0008	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/12/76-08/12/76	0	1	
YELL0029	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/13/78-10/10/85	7	35	
YELL0071	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/08/78-09/08/78	0	1	
YELL0101	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/04/83-08/04/83	0	1	
YELL0133	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/24/78-09/27/84	6	21	
YELL0146	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/15/78-08/07/85	6	4	
YELL0156	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/12/79-08/12/79	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0158	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/16/79-07/18/81	1	2	
YELL0189	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/26/77-08/26/77	0	1	
YELL0207	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/12/79-10/12/79	0	1	
YELL0219	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/13/74-07/31/80	5	3	
YELL0263	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/07/83-09/07/83	0	1	
YELL0267	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/05/74-09/05/74	0	1	
YELL0289	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/01/79-09/01/79	0	1	
YELL0310	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/17/77-08/17/77	0	1	
YELL0325	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/15/74-09/15/74	0	1	
YELL0352	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/24/75-07/24/75	0	1	
YELL0365	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/17/75-07/17/75	0	1	
YELL0402	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/20/74-09/20/74	0	1	
YELL0427	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/01/79-09/01/79	0	1	
YELL0204	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	10/06/88-11/03/88	0	2	
YELL0218	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	10/06/88-11/03/88	0	2	
YELL0224	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	08/24/90-08/26/90	0	48	
YELL0312	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	11/02/88-11/02/88	0	1	
YELL0347	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	10/05/88-11/02/88	0	2	
YELL0362	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	11/01/88-11/01/88	0	1	
YELL0401	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	10/04/88-11/01/88	0	2	
YELL0008	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/12/76-08/12/76	0	1	
YELL0029	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/17/76-08/17/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0054	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/13/78-10/10/85	7	35	
YELL0071	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/08/78-09/08/78	0	1	
YELL0101	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/04/83-08/04/83	0	1	
YELL0133	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	6	21	
YELL0146	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/15/78-08/07/85	6	4	
YELL0156	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/16/79-07/18/81	1	2	
YELL0189	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/26/77-08/26/77	0	1	
YELL0207	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/12/79-10/12/79	0	1	
YELL0219	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/13/74-07/31/80	5	3	
YELL0263	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/07/83-09/07/83	0	1	
YELL0267	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/05/74-09/05/74	0	1	
YELL0289	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0310	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/17/77-08/17/77	0	1	
YELL0325	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/15/74-09/15/74	0	1	
YELL0352	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/24/75-07/24/75	0	1	
YELL0365	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/17/75-07/17/75	0	1	
YELL0402	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/05/76-08/05/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0403	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/20/74-09/20/74	0	1	
YELL0427	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0008	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/12/76-08/12/76	0	1	
YELL0029	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/13/78-10/10/85	7	35	
YELL0071	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/08/78-09/08/78	0	1	
YELL0101	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/04/83-08/04/83	0	1	
YELL0133	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	6	21	
YELL0146	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/15/78-08/07/85	6	4	
YELL0156	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/16/79-07/18/81	1	2	
YELL0189	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/26/77-08/26/77	0	1	
YELL0207	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/12/79-10/12/79	0	1	
YELL0219	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/13/74-07/31/80	5	3	
YELL0263	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/07/83-09/07/83	0	1	
YELL0267	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/05/74-09/05/74	0	1	
YELL0289	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0310	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/17/77-08/17/77	0	1	
YELL0325	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/06/75-08/06/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0341	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/15/74-09/15/74	0	1	
YELL0352	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/24/75-07/24/75	0	1	
YELL0365	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/17/75-07/17/75	0	1	
YELL0402	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/20/74-09/20/74	0	1	
YELL0427	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0008	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/12/76-08/12/76	0	1	
YELL0029	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/13/78-10/10/85	7	35	
YELL0071	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/08/78-09/08/78	0	1	
YELL0101	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/04/83-08/04/83	0	1	
YELL0133	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	05/24/78-09/27/84	6	21	
YELL0146	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/15/78-08/07/85	6	4	
YELL0156	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	10/16/79-07/18/81	1	2	
YELL0189	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/26/77-08/26/77	0	1	
YELL0207	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	10/12/79-10/12/79	0	1	
YELL0219	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/13/74-07/31/80	5	3	
YELL0263	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/07/83-09/07/83	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0267	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/05/74-09/05/74	0	1	
YELL0289	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0310	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/17/77-08/17/77	0	1	
YELL0325	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/15/74-09/15/74	0	1	
YELL0352	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/24/75-07/24/75	0	1	
YELL0365	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/17/75-07/17/75	0	1	
YELL0402	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/20/74-09/20/74	0	1	
YELL0427	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0001	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/08/74-08/08/74	0	1	
YELL0004	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/23/91-07/23/91	0	2	
YELL0005	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/23/91-07/23/91	0	1	
YELL0008	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/12/76-08/12/76	0	1	
YELL0018	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/17/70-10/17/70	0	1	
YELL0019	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/17/70-09/17/70	0	1	
YELL0020	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/24/70-06/24/70	0	1	
YELL0021	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/22/69-08/22/69	0	1	
YELL0022	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/17/70-09/17/70	0	1	
YELL0029	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/11/76-08/11/76	0	1	
YELL0033	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/30/72-08/30/72	0	1	
YELL0038	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/02/76-09/02/76	0	1	
YELL0055	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/18/69-08/18/69	0	1	
YELL0064	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/18/69-08/18/69	0	1	
YELL0065	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/13/78-10/10/85	7	35	
YELL0069	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/22/69-10/22/70	1	7	
YELL0071	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/08/78-09/08/78	0	1	
YELL0079	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/11/69-10/11/69	0	1	
YELL0092	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/11/69-10/11/69	0	1	
YELL0094	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/10/69-10/10/69	0	1	
YELL0095	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/09/70-09/09/70	0	1	
YELL0096	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/09/70-09/09/70	0	1	
YELL0097	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/22/71-09/22/71	0	1	
YELL0101	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/24/76-08/24/76	0	1	
YELL0111	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/10/70-09/10/70	0	1	
YELL0112	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/19/76-10/07/76	0	2	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0120	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/06/79-08/23/82	2	8	
YELL0122	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/15/71-10/15/71	0	1	
YELL0126	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/04/83-08/04/83	0	1	
YELL0130	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/28/74-10/28/74	0	1	
YELL0131	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/10/70-09/10/70	0	1	
YELL0133	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/24/78-09/27/84	6	21	
YELL0136	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/11/68-06/11/68	0	1	
YELL0137	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/22/67-10/22/70	3	15	
YELL0138	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/22/69-10/22/70	1	5	
YELL0141	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/21/75-08/20/78	2	3	
YELL0142	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/21/75-08/20/78	2	3	
YELL0143	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/21/69-09/19/76	7	7	
YELL0146	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/15/78-08/07/85	6	4	
YELL0148	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/22/69-10/22/70	1	7	
YELL0154	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/16/68-10/19/70	2	9	
YELL0155	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/22/71-09/22/71	0	1	
YELL0156	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/12/79-08/12/79	0	1	
YELL0159	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/19/69-10/19/70	1	6	
YELL0160	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/22/71-09/22/71	0	1	
YELL0165	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/22/69-10/22/70	1	7	
YELL0166	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/22/70-06/22/70	0	1	
YELL0167	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/16/64-06/16/64	0	1	
YELL0168	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/12/79-10/12/79	0	1	
YELL0173	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/15/68-10/15/68	0	1	
YELL0174	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/16/79-07/18/81	1	2	
YELL0178	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/13/69-10/13/69	0	1	
YELL0179	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/22/79-08/22/79	0	1	
YELL0181	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/13/69-10/13/69	0	1	
YELL0183	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/19/70-09/18/76	5	2	
YELL0184	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/17/78-08/17/78	0	1	
YELL0185	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/19/69-08/19/69	0	1	
YELL0186	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/19/69-08/19/69	0	1	
YELL0187	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/18/76-08/22/79	2	3	
YELL0189	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/30/76-06/30/76	0	1	
YELL0190	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/18/67-10/22/70	3	9	
YELL0192	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/19/69-08/19/69	0	1	
YELL0194	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/26/77-08/26/77	0	1	
YELL0205	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/22/67-08/22/67	0	1	
YELL0207	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/12/79-10/12/79	0	1	
YELL0213	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/11/68-06/11/68	0	1	
YELL0214	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/16/68-10/21/70	2	8	
YELL0215	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/13/68-09/13/68	0	1	
YELL0216	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/19/76-08/24/79	2	3	
YELL0217	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/19/76-08/24/79	2	3	
YELL0219	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/23/78-08/23/78	0	1	
YELL0226	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/07/77-09/07/77	0	1	
YELL0227	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/13/74-07/31/80	5	3	
YELL0255	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/19/67-09/19/67	0	1	
YELL0256	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/23/69-07/23/69	0	1	
YELL0257	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/23/69-07/23/69	0	1	
YELL0258	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/23/69-06/23/69	0	1	
YELL0259	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/19/67-09/19/67	0	1	
YELL0260	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/21/73-05/25/76	3	3	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0263	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/07/83-09/07/83	0	1	
YELL0266	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/22/67-10/19/70	3	9	
YELL0267	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/05/74-09/05/74	0	1	
YELL0273	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/23/69-07/23/69	0	1	
YELL0274	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/22/67-08/27/69	2	3	
YELL0278	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/29/68-07/29/68	0	1	
YELL0279	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/29/68-07/29/68	0	1	
YELL0280	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/23/69-07/23/69	0	1	
YELL0281	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/21/73-05/25/76	3	3	
YELL0286	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/21/73-05/25/76	3	3	
YELL0287	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/22/69-07/22/69	0	1	
YELL0289	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-08/30/78	0	1	
YELL0299	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/24/69-07/24/69	0	1	
YELL0301	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/01/79-09/01/79	0	1	
YELL0306	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/17/69-07/17/69	0	1	
YELL0310	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/17/77-08/17/77	0	1	
YELL0313	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/24/69-06/24/69	0	1	
YELL0314	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/18/70-09/18/70	0	1	
YELL0320	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/14/68-08/14/68	0	1	
YELL0321	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/08/68-10/21/70	2	7	
YELL0322	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/14/68-08/14/68	0	1	
YELL0325	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/12/74-07/12/74	0	1	
YELL0329	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/17/69-07/17/69	0	1	
YELL0330	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/21/69-08/21/69	0	1	
YELL0331	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/21/68-05/21/68	0	1	
YELL0337	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/06/75-08/06/75	0	1	
YELL0338	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/21/69-08/21/69	0	1	
YELL0341	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/15/74-09/15/74	0	1	
YELL0342	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/20/69-10/20/70	1	7	
YELL0343	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	03/16/76-03/16/76	0	1	
YELL0344	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/21/69-08/21/69	0	1	
YELL0346	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/22/69-10/21/70	1	7	
YELL0347	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/12/70-10/20/70	0	3	
YELL0348	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/17/67-08/13/68	1	4	
YELL0349	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/20/67-08/13/68	0	2	
YELL0350	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/13/68-04/13/70	1	2	
YELL0352	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/24/75-07/24/75	0	1	
YELL0359	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/26/67-10/21/70	3	17	
YELL0360	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/17/68-10/21/70	2	11	
YELL0361	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/20/69-10/20/70	1	7	
YELL0365	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/30/75-07/30/75	0	1	
YELL0372	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/23/70-06/23/70	0	1	
YELL0373	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/26/75-09/26/75	0	1	
YELL0374	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/23/70-06/23/70	0	1	
YELL0376	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/13/68-08/13/68	0	1	
YELL0377	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/22/69-08/22/69	0	1	
YELL0378	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/22/69-08/22/69	0	1	
YELL0379	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/23/70-06/23/70	0	1	
YELL0380	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/13/68-10/20/70	2	8	
YELL0382	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/30/79-08/30/79	0	1	
YELL0387	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/23/68-05/23/68	0	1	
YELL0398	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/17/75-07/17/75	0	1	
YELL0400	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/11/67-05/11/67	0	1	
YELL0402	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/16/75-07/16/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0410	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/20/68-09/20/68	0	1	
YELL0412	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/20/74-09/20/74	0	1	
YELL0416	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/13/82-08/13/82	0	1	
YELL0418	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/26/71-08/26/71	0	1	
YELL0419	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	01/26/78-07/18/78	0	3	
YELL0427	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/01/79-09/01/79	0	1	
YELL0431	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/24/71-08/24/71	0	1	
YELL0433	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/10/71-08/10/71	0	1	
YELL0436	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/24/71-08/24/71	0	1	
YELL0439	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/10/71-08/10/71	0	1	
YELL0441	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/10/71-08/10/71	0	1	
YELL0004	No	00445	CARBONATE ION (MG/L AS CO3)	07/23/91-07/23/91	0	2	
YELL0005	No	00445	CARBONATE ION (MG/L AS CO3)	07/23/91-07/23/91	0	1	
YELL0008	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/12/76-08/12/76	0	1	
YELL0018	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/17/70-10/17/70	0	1	
YELL0019	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/17/70-09/17/70	0	1	
YELL0020	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/24/70-06/24/70	0	1	
YELL0021	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/22/69-08/22/69	0	1	
YELL0022	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/17/70-09/17/70	0	1	
YELL0029	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/11/76-08/11/76	0	1	
YELL0033	No	00445	CARBONATE ION (MG/L AS CO3)	08/30/72-08/30/72	0	1	
YELL0038	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/02/76-09/02/76	0	1	
YELL0055	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/18/69-08/18/69	0	1	
YELL0064	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/18/69-08/18/69	0	1	
YELL0065	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/13/78-10/10/85	7	35	
YELL0069	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/22/69-10/22/70	1	7	
YELL0071	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/08/78-09/08/78	0	1	
YELL0079	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/11/69-10/11/69	0	1	
YELL0092	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/11/69-10/11/69	0	1	
YELL0094	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/10/69-10/10/69	0	1	
YELL0095	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/09/70-09/09/70	0	1	
YELL0096	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/09/70-09/09/70	0	1	
YELL0097	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/22/71-09/22/71	0	1	
YELL0101	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/24/76-08/24/76	0	1	
YELL0111	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/10/70-09/10/70	0	1	
YELL0112	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/06/79-08/23/82	2	8	
YELL0122	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/15/71-10/15/71	0	1	
YELL0126	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/04/83-08/04/83	0	1	
YELL0130	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/28/74-10/28/74	0	1	
YELL0131	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/10/70-09/10/70	0	1	
YELL0133	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/24/78-09/27/84	6	21	
YELL0136	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/11/68-06/11/68	0	1	
YELL0137	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/22/67-10/22/70	3	15	
YELL0138	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/22/69-10/22/70	1	5	
YELL0141	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/21/75-08/20/78	2	3	
YELL0142	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/21/75-08/20/78	2	3	
YELL0143	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/21/69-09/19/76	7	7	
YELL0146	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/15/78-08/07/85	6	4	
YELL0148	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/22/69-10/22/70	1	7	
YELL0154	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/16/68-10/19/70	2	9	
YELL0155	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/22/71-09/22/71	0	1	
YELL0156	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/12/79-08/12/79	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0158	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/12/79-08/12/79	0	1	
YELL0159	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/19/69-10/19/70	1	6	
YELL0160	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/22/71-09/22/71	0	1	
YELL0165	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/22/69-10/22/70	1	7	
YELL0166	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/22/70-06/22/70	0	1	
YELL0167	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/16/64-06/16/64	0	1	
YELL0168	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/12/79-10/12/79	0	1	
YELL0173	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/15/68-10/15/68	0	1	
YELL0174	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/16/79-07/18/81	1	2	
YELL0178	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/13/69-10/13/69	0	1	
YELL0179	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/22/79-08/22/79	0	1	
YELL0181	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/13/69-10/13/69	0	1	
YELL0183	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/19/70-09/18/76	5	2	
YELL0184	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/17/78-08/17/78	0	1	
YELL0185	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/19/69-08/19/69	0	1	
YELL0186	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/19/69-08/19/69	0	1	
YELL0187	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/18/76-08/22/79	2	3	
YELL0189	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/30/76-06/30/76	0	1	
YELL0190	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/18/67-10/22/70	3	9	
YELL0192	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/19/69-08/19/69	0	1	
YELL0194	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/26/77-08/26/77	0	1	
YELL0205	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/22/67-08/22/67	0	1	
YELL0207	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/12/79-10/12/79	0	1	
YELL0213	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/11/68-06/11/68	0	1	
YELL0214	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/16/68-10/21/70	2	8	
YELL0215	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/13/68-09/13/68	0	1	
YELL0216	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/19/76-08/24/79	2	3	
YELL0217	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/19/76-08/24/79	2	3	
YELL0219	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/23/78-08/23/78	0	1	
YELL0226	No	00445	CARBONATE ION (MG/L AS CO3)	09/07/77-09/07/77	0	1	
YELL0227	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/13/74-07/31/80	5	3	
YELL0255	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/19/67-09/19/67	0	1	
YELL0256	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/23/69-07/23/69	0	1	
YELL0257	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/23/69-07/23/69	0	1	
YELL0258	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/23/69-06/23/69	0	1	
YELL0259	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/19/67-09/19/67	0	1	
YELL0260	No	00445	CARBONATE ION (MG/L AS CO3)	03/21/73-05/25/76	3	3	
YELL0263	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/07/83-09/07/83	0	1	
YELL0266	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/22/67-10/19/70	3	9	
YELL0267	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/05/74-09/05/74	0	1	
YELL0273	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/23/69-07/23/69	0	1	
YELL0274	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/22/67-08/27/69	2	3	
YELL0278	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/29/68-07/29/68	0	1	
YELL0279	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/29/68-07/29/68	0	1	
YELL0280	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/23/69-07/23/69	0	1	
YELL0281	No	00445	CARBONATE ION (MG/L AS CO3)	03/21/73-05/25/76	3	3	
YELL0286	No	00445	CARBONATE ION (MG/L AS CO3)	03/21/73-05/25/76	3	3	
YELL0287	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/22/69-07/22/69	0	1	
YELL0289	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/30/78-08/30/78	0	1	
YELL0299	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/24/69-07/24/69	0	1	
YELL0301	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/14/80-08/14/80	0	1	

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Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0305	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/01/79-09/01/79	0	1	
YELL0306	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/17/69-07/17/69	0	1	
YELL0310	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/17/77-08/17/77	0	1	
YELL0313	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/24/69-06/24/69	0	1	
YELL0314	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/18/70-09/18/70	0	1	
YELL0320	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/14/68-08/14/68	0	1	
YELL0321	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/08/68-10/21/70	2	7	
YELL0322	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/14/68-08/14/68	0	1	
YELL0325	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/12/74-07/12/74	0	1	
YELL0329	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/17/69-07/17/69	0	1	
YELL0330	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/21/69-08/21/69	0	1	
YELL0331	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/21/68-05/21/68	0	1	
YELL0337	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/06/75-08/06/75	0	1	
YELL0338	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/21/69-08/21/69	0	1	
YELL0341	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/15/74-09/15/74	0	1	
YELL0342	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/20/69-10/20/70	1	7	
YELL0343	Yes	00445	CARBONATE ION (MG/L AS CO3)	03/16/76-03/16/76	0	1	
YELL0344	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/21/69-08/21/69	0	1	
YELL0346	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/22/69-10/21/70	1	7	
YELL0347	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/12/70-10/20/70	0	3	
YELL0348	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/17/67-08/13/68	1	4	
YELL0349	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/20/67-08/13/68	0	2	
YELL0350	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/13/68-04/13/70	1	2	
YELL0352	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/24/75-07/24/75	0	1	
YELL0359	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/26/67-10/21/70	3	17	
YELL0360	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/17/68-10/21/70	2	11	
YELL0361	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/20/69-10/20/70	1	7	
YELL0365	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/30/75-07/30/75	0	1	
YELL0372	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/23/70-06/23/70	0	1	
YELL0373	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/26/75-09/26/75	0	1	
YELL0374	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/23/70-06/23/70	0	1	
YELL0376	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/13/68-08/13/68	0	1	
YELL0377	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/22/69-08/22/69	0	1	
YELL0378	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/22/69-08/22/69	0	1	
YELL0379	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/23/70-06/23/70	0	1	
YELL0380	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/13/68-10/20/70	2	8	
YELL0382	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/30/79-08/30/79	0	1	
YELL0387	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/23/68-05/23/68	0	1	
YELL0398	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/17/75-07/17/75	0	1	
YELL0400	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/11/67-05/11/67	0	1	
YELL0402	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/16/75-07/16/75	0	1	
YELL0410	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/20/68-09/20/68	0	1	
YELL0412	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/20/74-09/20/74	0	1	
YELL0416	No	00445	CARBONATE ION (MG/L AS CO3)	08/13/82-08/13/82	0	1	
YELL0418	No	00445	CARBONATE ION (MG/L AS CO3)	08/26/71-08/26/71	0	1	
YELL0419	Yes	00445	CARBONATE ION (MG/L AS CO3)	01/26/78-07/18/78	0	3	
YELL0427	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/01/79-09/01/79	0	1	
YELL0431	No	00445	CARBONATE ION (MG/L AS CO3)	08/24/71-08/24/71	0	1	
YELL0433	No	00445	CARBONATE ION (MG/L AS CO3)	08/10/71-08/10/71	0	1	
YELL0436	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/24/71-08/24/71	0	1	
YELL0439	No	00445	CARBONATE ION (MG/L AS CO3)	08/10/71-08/10/71	0	1	
YELL0441	No	00445	CARBONATE ION (MG/L AS CO3)	08/10/71-08/10/71	0	1	
YELL0204	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	10/06/88-11/03/88	0	2	
YELL0218	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	10/06/88-11/03/88	0	2	
YELL0224	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	08/24/90-08/26/90	0	48	
YELL0312	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	11/02/88-11/02/88	0	1	
YELL0347	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	10/05/88-11/02/88	0	2	
YELL0362	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	11/01/88-11/01/88	0	1	
YELL0401	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	10/04/88-11/01/88	0	2	
YELL0204	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	10/06/88-11/03/88	0	2	

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Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0218	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	10/06/88-11/03/88	0	2	
YELL0224	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	08/24/90-08/26/90	0	48	
YELL0312	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	11/02/88-11/02/88	0	1	
YELL0347	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	10/05/88-11/02/88	0	2	
YELL0362	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	11/01/88-11/01/88	0	1	
YELL0401	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	10/04/88-11/01/88	0	2	
YELL0224	Yes	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	08/26/90-08/26/90	0	1	
YELL0224	Yes	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	08/26/90-08/26/90	0	1	
YELL0004	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-07/23/91	0	2	
YELL0005	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-07/23/91	0	1	
YELL0008	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/12/76-08/12/76	0	1	
YELL0017	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/88-10/04/88	0	1	
YELL0029	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/13/78-10/10/85	7	35	
YELL0071	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/08/78-09/08/78	0	1	
YELL0073	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/88-10/03/88	0	1	
YELL0101	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/04/83-08/04/83	0	1	
YELL0133	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/78-09/27/84	6	21	
YELL0146	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/15/78-08/07/85	6	4	
YELL0156	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/16/79-07/18/81	1	2	
YELL0189	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/26/77-08/26/77	0	1	
YELL0204	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/88-11/03/88	0	2	
YELL0207	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/79-10/12/79	0	1	
YELL0218	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/88-11/03/88	0	2	
YELL0219	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/74-07/31/80	5	3	
YELL0260	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/75-06/23/76	0	3	
YELL0263	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/07/83-09/07/83	0	1	
YELL0267	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/05/74-09/05/74	0	1	
YELL0281	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/75-06/23/76	0	3	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0286	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/75-06/23/76	0	3	
YELL0289	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/01/79-09/01/79	0	1	
YELL0310	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/77-08/17/77	0	1	
YELL0312	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/02/88-11/02/88	0	1	
YELL0325	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/15/74-09/15/74	0	1	
YELL0347	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/05/88-11/02/88	0	2	
YELL0352	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/24/75-07/24/75	0	1	
YELL0362	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/01/88-11/01/88	0	1	
YELL0365	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/17/75-07/17/75	0	1	
YELL0401	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/88-11/01/88	0	2	
YELL0402	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/74-09/20/74	0	1	
YELL0419	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/78-07/18/78	0	3	
YELL0427	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/01/79-09/01/79	0	1	
YELL0442	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/22/91-08/22/91	0	1	
YELL0017	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/04/88-10/04/88	0	1	
YELL0073	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/03/88-10/03/88	0	1	
YELL0204	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/06/88-11/03/88	0	2	
YELL0218	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/06/88-11/03/88	0	2	
YELL0312	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/02/88-11/02/88	0	1	
YELL0347	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/05/88-11/02/88	0	2	
YELL0362	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/01/88-11/01/88	0	1	
YELL0401	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/04/88-11/01/88	0	2	
YELL0004	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/23/91-07/23/91	0	2	
YELL0005	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/23/91-07/23/91	0	1	
YELL0017	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/04/88-10/04/88	0	1	
YELL0073	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/03/88-10/03/88	0	1	
YELL0141	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/03/80-07/28/81	0	2	
YELL0142	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/03/80-07/28/81	0	2	
YELL0184	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/22/81-07/22/81	0	1	
YELL0187	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/22/81-07/22/81	0	1	
YELL0204	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/06/88-11/03/88	0	2	
YELL0216	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/05/80-07/24/81	0	2	
YELL0217	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/05/80-07/24/81	0	2	
YELL0218	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/06/88-08/11/89	0	3	
YELL0224	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/14/89-08/04/89	0	6	
YELL0312	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/02/88-11/02/88	0	1	
YELL0347	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/05/88-11/02/88	0	2	
YELL0362	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/01/88-11/01/88	0	1	
YELL0401	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/04/88-11/01/88	0	2	
YELL0017	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/88-10/04/88	0	1	
YELL0073	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/88-10/03/88	0	1	
YELL0204	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/88-11/03/88	0	2	
YELL0218	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/88-11/03/88	0	2	
YELL0260	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/75-06/23/76	0	4	
YELL0261	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/74-09/06/75	0	8	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0281	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/75-06/23/76	0	4	
YELL0282	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/74-09/06/75	0	12	
YELL0284	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/74-09/06/75	0	12	
YELL0286	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/75-06/23/76	0	4	
YELL0312	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/02/88-11/02/88	0	1	
YELL0343	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/76-03/16/76	0	1	
YELL0347	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/05/88-11/02/88	0	2	
YELL0362	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/01/88-11/01/88	0	1	
YELL0401	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/88-11/01/88	0	2	
YELL0419	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/26/78-07/18/78	0	3	
YELL0430	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/22/92-04/22/92	0	1	
YELL0442	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/91-08/22/91	0	1	
YELL0261	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/02/74-10/05/74	0	2	
YELL0282	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/02/74-10/05/74	0	2	
YELL0284	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/02/74-10/05/74	0	2	
YELL0115	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/79-08/29/79	0	1	
YELL0146	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/19/84-07/19/84	0	1	
YELL0260	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/21/73-03/21/73	0	1	
YELL0261	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/02/74-10/05/74	0	2	
YELL0281	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/21/73-03/21/73	0	1	
YELL0282	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/02/74-10/05/74	0	2	
YELL0284	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/02/74-10/05/74	0	2	
YELL0286	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/21/73-03/21/73	0	1	
YELL0017	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/04/88-10/04/88	0	1	
YELL0073	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/03/88-10/03/88	0	1	
YELL0204	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/06/88-11/03/88	0	2	
YELL0218	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/06/88-08/11/89	0	3	
YELL0224	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	04/14/89-08/04/89	0	6	
YELL0312	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/02/88-11/02/88	0	1	
YELL0347	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/05/88-11/02/88	0	2	
YELL0362	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/01/88-11/01/88	0	1	
YELL0401	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/04/88-11/01/88	0	2	
YELL0004	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/91-07/23/91	0	2	
YELL0005	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/91-07/23/91	0	1	
YELL0008	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/76-08/12/76	0	1	
YELL0017	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/04/88-10/04/88	0	1	
YELL0029	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/13/78-09/26/83	5	27	
YELL0071	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/08/78-09/08/78	0	1	
YELL0073	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/88-10/03/88	0	1	
YELL0101	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/76-09/01/78	2	5	
YELL0103	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/31/78-09/29/82	4	18	
YELL0108	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/77-09/27/82	5	22	
YELL0109	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/76-10/05/83	7	33	
YELL0110	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/27/74-09/08/83	9	4	
YELL0121	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/83-08/04/83	0	1	
YELL0130	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/28/74-10/28/74	0	1	
YELL0133	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/24/78-09/27/82	4	21	
YELL0141	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/21/75-07/28/81	5	6	
YELL0142	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/21/75-07/28/81	5	6	
YELL0143	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/76-09/19/76	0	1	
YELL0146	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/15/78-08/08/81	2	2	
YELL0156	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/24/78-09/27/82	4	21	
YELL0157	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/01/77-09/01/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0169	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/16/79-07/18/81	1	2	
YELL0179	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/22/79-08/22/79	0	1	
YELL0183	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/76-09/18/76	0	1	
YELL0184	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/17/78-07/22/81	2	2	
YELL0187	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/76-07/22/81	4	4	
YELL0189	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/77-08/26/77	0	1	
YELL0204	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/06/88-11/03/88	0	2	
YELL0207	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/79-10/12/79	0	1	
YELL0216	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/76-07/24/81	4	5	
YELL0217	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/76-07/24/81	4	5	
YELL0218	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/06/88-11/03/88	0	2	
YELL0219	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/74-07/31/80	5	3	
YELL0260	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/75-06/23/76	0	3	
YELL0261	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/02/74-09/06/75	0	8	
YELL0263	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/83-09/07/83	0	1	
YELL0267	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/05/74-09/05/74	0	1	
YELL0281	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/75-06/23/76	0	3	
YELL0282	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/02/74-09/06/75	0	12	
YELL0284	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/02/74-09/06/75	0	12	
YELL0286	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/75-06/23/76	0	3	
YELL0289	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/01/79-09/01/79	0	1	
YELL0310	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/17/77-08/17/77	0	1	
YELL0312	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/88-11/02/88	0	1	
YELL0325	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/15/74-09/15/74	0	1	
YELL0347	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/05/88-11/02/88	0	2	
YELL0352	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/24/75-07/24/75	0	1	
YELL0362	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/01/88-11/01/88	0	1	
YELL0365	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/17/75-07/17/75	0	1	
YELL0401	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/04/88-11/01/88	0	2	
YELL0402	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/74-09/20/74	0	1	
YELL0427	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/01/79-09/01/79	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0428	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/01/79-09/01/79	0	1	
YELL0430	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/22/92-04/22/92	0	1	
YELL0442	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/22/91-08/22/91	0	1	
YELL0008	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/76-08/12/76	0	1	
YELL0017	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/04/88-10/04/88	0	1	
YELL0029	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/13/78-09/26/83	5	27	
YELL0071	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/08/78-09/08/78	0	1	
YELL0073	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/03/88-10/03/88	0	1	
YELL0101	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/19/76-09/01/78	2	5	
YELL0103	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/31/78-09/29/82	4	18	
YELL0108	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-09/27/82	5	22	
YELL0109	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/19/76-10/05/83	7	33	
YELL0110	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/27/74-09/08/83	9	4	
YELL0121	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/04/83-08/04/83	0	1	
YELL0133	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/24/78-09/27/82	4	21	
YELL0146	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/15/78-08/08/81	2	2	
YELL0156	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/24/78-09/27/82	4	21	
YELL0157	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/16/79-07/18/81	1	2	
YELL0189	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/77-08/26/77	0	1	
YELL0204	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/88-11/03/88	0	2	
YELL0207	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/12/79-10/12/79	0	1	
YELL0218	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/88-11/03/88	0	2	
YELL0219	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/13/74-07/31/80	5	3	
YELL0260	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/30/75-06/23/76	0	4	
YELL0261	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/02/74-09/06/75	0	8	
YELL0263	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/83-09/07/83	0	1	
YELL0267	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/05/74-09/05/74	0	1	
YELL0281	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/30/75-06/23/76	0	4	
YELL0282	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/02/74-09/06/75	0	12	
YELL0284	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/02/74-09/06/75	0	12	
YELL0286	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/30/75-06/23/76	0	4	
YELL0289	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/27/76-07/27/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0291	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/01/79-09/01/79	0	1	
YELL0310	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/77-08/17/77	0	1	
YELL0312	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/02/88-11/02/88	0	1	
YELL0325	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/15/74-09/15/74	0	1	
YELL0343	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/16/76-03/16/76	0	1	
YELL0347	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/88-11/02/88	0	2	
YELL0352	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/24/75-07/24/75	0	1	
YELL0362	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/01/88-11/01/88	0	1	
YELL0365	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/17/75-07/17/75	0	1	
YELL0401	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/04/88-11/01/88	0	2	
YELL0402	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/16/75-07/16/75	0	1	
YELL0409	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/86-07/23/86	0	3	
YELL0412	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/74-09/20/74	0	1	
YELL0416	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/86-07/23/86	0	1	
YELL0417	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/86-07/23/86	0	1	
YELL0419	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/26/78-07/18/78	0	3	
YELL0427	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/01/79-09/01/79	0	1	
YELL0430	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/22/92-04/22/92	0	1	
YELL0434	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/20/83-04/20/83	0	1	
YELL0438	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/20/83-04/20/83	0	1	
YELL0442	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/22/91-08/22/91	0	1	
YELL0001	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/08/74-08/08/74	0	1	
YELL0004	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/23/91-07/23/91	0	2	
YELL0005	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/23/91-07/23/91	0	1	
YELL0017	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/04/88-10/04/88	0	1	
YELL0033	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/30/72-08/30/72	0	1	
YELL0073	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/88-10/03/88	0	1	
YELL0097	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/22/71-09/22/71	0	1	
YELL0122	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/15/71-10/15/71	0	1	
YELL0130	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/28/74-10/28/74	0	1	
YELL0141	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/21/75-08/22/85	9	12	
YELL0142	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/21/75-08/22/85	9	12	
YELL0143	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/19/76-09/19/76	0	1	
YELL0155	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/22/71-09/22/71	0	1	
YELL0160	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/22/71-09/22/71	0	1	
YELL0179	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/79-08/22/79	0	1	
YELL0183	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/76-09/18/76	0	1	
YELL0184	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/17/78-08/12/85	6	9	
YELL0187	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/76-08/12/85	8	11	
YELL0188	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/13/82-08/12/85	3	6	
YELL0204	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/06/88-11/03/88	0	2	
YELL0216	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/19/76-08/29/85	8	10	
YELL0217	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/19/76-08/29/85	8	10	
YELL0218	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/06/88-08/11/89	0	3	
YELL0224	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/14/89-08/25/90	1	8	
YELL0226	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/07/77-09/07/77	0	1	
YELL0312	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/02/88-11/02/88	0	1	
YELL0347	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/05/88-11/02/88	0	2	
YELL0362	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/01/88-11/01/88	0	1	
YELL0401	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/04/88-11/01/88	0	2	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0418	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/26/71-08/26/71	0	1	
YELL0431	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/24/71-08/24/71	0	1	
YELL0432	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/24/71-08/24/71	0	1	
YELL0436	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/24/71-08/24/71	0	1	
YELL0439	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/10/71-08/10/71	0	1	
YELL0441	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/10/71-08/10/71	0	1	
YELL0001	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/08/74-08/08/74	0	1	
YELL0003	No	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/23/85-09/23/85	0	1	
YELL0127	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/24/85-09/24/85	0	1	
YELL0172	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/23/85-09/23/85	0	1	
YELL0240	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/24/85-09/24/85	0	1	
YELL0276	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/24/85-09/24/85	0	1	
YELL0298	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/25/85-09/25/85	0	1	
YELL0381	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/23/85-09/23/85	0	1	
YELL0444	No	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/17/85-09/17/85	0	1	
YELL0004	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/91-07/23/91	0	2	
YELL0005	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/91-07/23/91	0	1	
YELL0008	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/76-08/12/76	0	1	
YELL0017	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/88-10/04/88	0	1	
YELL0029	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/11/76-08/11/76	0	1	
YELL0033	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/72-08/30/72	0	1	
YELL0038	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/13/78-09/13/84	6	20	
YELL0071	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/08/78-09/08/78	0	1	
YELL0073	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/88-10/03/88	0	1	
YELL0101	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/76-09/01/78	2	5	
YELL0103	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/31/78-09/11/84	6	13	
YELL0108	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/26/77-10/01/81	4	17	
YELL0109	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/76-09/13/84	8	26	S
YELL0110	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/27/74-09/02/81	7	3	
YELL0121	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/06/79-08/24/81	1	5	
YELL0126	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/79-08/15/79	0	1	
YELL0130	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/28/74-10/28/74	0	1	
YELL0134	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/24/78-10/01/81	3	16	
YELL0141	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/21/75-07/28/81	5	6	
YELL0142	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/21/75-07/28/81	5	6	
YELL0143	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/76-09/19/76	0	1	
YELL0146	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/78-08/08/81	2	2	
YELL0156	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/24/78-09/28/81	3	16	
YELL0157	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/79-07/18/81	1	2	
YELL0179	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/22/79-08/22/79	0	1	
YELL0183	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/76-09/18/76	0	1	
YELL0184	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/17/78-07/22/81	2	2	
YELL0187	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/76-07/22/81	4	4	
YELL0189	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/77-08/26/77	0	1	
YELL0204	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/88-11/03/88	0	2	
YELL0207	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/79-10/12/79	0	1	
YELL0216	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/76-07/24/81	4	5	
YELL0217	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/76-07/24/81	4	5	
YELL0218	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/88-08/11/89	0	3	
YELL0219	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/23/78-08/23/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0224	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/89-08/04/89	0	6	
YELL0226	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/77-09/07/77	0	1	
YELL0227	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/74-07/31/80	5	3	
YELL0260	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/30/75-06/23/76	0	4	
YELL0261	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/02/74-09/06/75	0	8	
YELL0263	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/22/75-08/22/75	0	1	
YELL0267	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/79-10/16/79	0	1	
YELL0281	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/30/75-06/23/76	0	4	
YELL0282	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/02/74-09/06/75	0	12	
YELL0284	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/02/74-09/06/75	0	12	
YELL0286	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/30/75-06/23/76	0	4	
YELL0289	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0310	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/17/77-08/17/77	0	1	
YELL0312	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/02/88-11/02/88	0	1	
YELL0325	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/15/74-09/15/74	0	1	
YELL0343	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/16/76-03/16/76	0	1	
YELL0347	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/88-11/02/88	0	2	
YELL0352	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/24/75-07/24/75	0	1	
YELL0362	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/01/88-11/01/88	0	1	
YELL0365	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/25/74-07/25/74	0	1	
YELL0367	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/17/75-07/17/75	0	1	
YELL0401	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/88-11/01/88	0	2	
YELL0402	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/74-09/20/74	0	1	
YELL0419	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/78-07/18/78	0	3	
YELL0427	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0430	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/22/92-04/22/92	0	1	
YELL0434	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/20/83-04/20/83	0	1	
YELL0438	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/20/83-04/20/83	0	1	
YELL0442	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/22/91-08/22/91	0	1	
YELL0017	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/04/88-10/04/88	0	1	
YELL0065	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/13/78-10/10/85	7	34	
YELL0071	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/08/78-09/08/78	0	1	
YELL0073	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/03/88-10/03/88	0	1	
YELL0101	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/01/78-09/30/85	7	5	
YELL0103	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/31/78-09/11/84	6	17	
YELL0108	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/27/84	6	22	
YELL0109	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/13/84	6	28	
YELL0115	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/79-08/29/79	0	2	
YELL0120	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/16/79-08/07/84	4	4	
YELL0121	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/06/79-08/23/82	2	8	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0126	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/04/83-08/04/83	0	1	
YELL0134	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/27/84	6	22	
YELL0146	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/15/78-08/07/85	6	4	
YELL0156	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/12/79-08/12/79	0	1	
YELL0169	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/16/79-07/18/81	1	2	
YELL0204	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/06/88-11/03/88	0	2	
YELL0209	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/79-10/12/79	0	1	
YELL0218	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/06/88-08/11/89	0	3	
YELL0220	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0224	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/14/89-08/04/89	0	6	
YELL0229	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0235	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/28/79-08/28/79	0	1	
YELL0245	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/16/79-07/31/80	0	2	
YELL0264	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/83-09/07/83	0	1	
YELL0270	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/16/79-10/16/79	0	1	
YELL0291	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0312	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/02/88-11/02/88	0	1	
YELL0347	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/05/88-11/02/88	0	2	
YELL0362	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/88-11/01/88	0	1	
YELL0366	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/25/83-07/25/83	0	1	
YELL0384	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/30/79-08/30/79	0	1	
YELL0401	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/04/88-11/01/88	0	2	
YELL0427	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0065	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	07/13/78-10/10/85	7	34	
YELL0071	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	09/08/78-09/08/78	0	1	
YELL0101	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	09/01/78-09/30/85	7	5	
YELL0103	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/31/78-09/11/84	6	17	
YELL0108	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/27/84	6	22	
YELL0109	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/13/84	6	28	
YELL0115	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/29/79-08/29/79	0	2	
YELL0120	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	10/16/79-08/07/84	4	4	
YELL0121	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/04/83-08/04/83	0	1	
YELL0134	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/27/84	6	22	
YELL0146	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/15/78-08/07/85	6	4	
YELL0156	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/12/79-08/12/79	0	1	
YELL0169	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	10/16/79-07/18/81	1	2	
YELL0209	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	10/12/79-10/12/79	0	1	
YELL0220	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0229	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0235	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/28/79-08/28/79	0	1	
YELL0245	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/16/79-07/31/80	0	2	
YELL0264	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	09/07/83-09/07/83	0	1	
YELL0270	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	10/16/79-10/16/79	0	1	
YELL0291	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/28/78-08/29/78	0	2	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0297	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0366	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	07/25/83-07/25/83	0	1	
YELL0384	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/30/79-08/30/79	0	1	
YELL0427	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0001	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/08/74-08/08/74	0	1	
YELL0004	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/91-07/23/91	0	2	
YELL0005	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/91-07/23/91	0	1	
YELL0017	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/04/88-10/04/88	0	1	
YELL0065	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/13/78-09/26/83	5	26	
YELL0071	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/08/78-09/08/78	0	1	
YELL0073	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/03/88-10/03/88	0	1	
YELL0101	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/01/78-09/01/78	0	1	
YELL0103	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/78-09/29/82	4	16	
YELL0108	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/24/78-09/27/82	4	21	
YELL0109	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/24/78-10/05/83	5	24	
YELL0115	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/29/79-08/29/79	0	2	
YELL0120	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/16/79-09/08/83	3	3	
YELL0121	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/04/83	0	1	
YELL0134	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/24/78-09/27/82	4	20	
YELL0146	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/78-08/08/81	2	2	
YELL0156	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/24/78-09/27/82	4	21	
YELL0157	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/12/79-08/12/79	0	1	
YELL0169	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/16/79-07/18/81	1	2	
YELL0204	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/06/88-11/03/88	0	2	
YELL0209	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/79-10/12/79	0	1	
YELL0218	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/06/88-11/03/88	0	2	
YELL0220	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0224	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/24/90-08/26/90	0	49	
YELL0229	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0235	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/28/79-08/28/79	0	1	
YELL0245	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/16/79-07/31/80	0	2	
YELL0261	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/02/74-09/06/75	0	8	
YELL0264	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/83-09/07/83	0	1	
YELL0270	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/16/79-10/16/79	0	1	
YELL0282	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/02/74-09/06/75	0	12	
YELL0284	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/02/74-09/06/75	0	12	
YELL0291	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0312	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/02/88-11/02/88	0	1	
YELL0347	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/88-11/02/88	0	2	
YELL0362	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/01/88-11/01/88	0	1	
YELL0366	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/25/83-07/25/83	0	1	
YELL0384	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/79-08/30/79	0	1	
YELL0401	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/04/88-11/01/88	0	2	
YELL0427	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0071	Yes	00674	PHOSPHORUS, SUSPENDED ORTHOPHOSPHATE (MG/L AS P)	09/08/78-09/08/78	0	1	
YELL0101	Yes	00674	PHOSPHORUS, SUSPENDED ORTHOPHOSPHATE (MG/L AS P)	09/01/78-09/01/78	0	1	
YELL0103	Yes	00674	PHOSPHORUS, SUSPENDED ORTHOPHOSPHATE (MG/L AS P)	10/08/79-10/08/79	0	1	
YELL0108	Yes	00674	PHOSPHORUS, SUSPENDED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-05/15/80	0	2	
YELL0004	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/91-07/23/91	0	2	
YELL0005	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/91-07/23/91	0	1	
YELL0008	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/31/76-08/31/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0009	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/12/76-08/12/76	0	1	
YELL0029	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/13/78-10/10/85	7	35	
YELL0071	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/08/78-09/08/78	0	1	
YELL0101	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/76-09/13/84	8	36	T,S
YELL0110	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/27/74-08/07/84	10	5	
YELL0121	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/83-08/04/83	0	1	
YELL0133	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/24/78-09/27/84	6	22	
YELL0146	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/15/78-07/19/84	5	3	
YELL0156	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/16/79-07/18/81	1	2	
YELL0189	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/26/77-08/26/77	0	1	
YELL0204	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/88-11/03/88	0	2	
YELL0207	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/79-10/12/79	0	1	
YELL0218	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/88-11/03/88	0	2	
YELL0219	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/13/74-07/31/80	5	3	
YELL0263	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/07/83-09/07/83	0	1	
YELL0267	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/05/74-09/05/74	0	1	
YELL0289	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/01/79-09/01/79	0	1	
YELL0312	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/02/88-11/02/88	0	1	
YELL0325	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/15/74-09/15/74	0	1	
YELL0347	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/05/88-11/02/88	0	2	
YELL0352	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/75-07/24/75	0	1	
YELL0362	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/01/88-11/01/88	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0365	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/17/75-07/17/75	0	1	
YELL0401	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/04/88-11/01/88	0	2	
YELL0402	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/20/74-09/20/74	0	1	
YELL0427	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/01/79-09/01/79	0	1	
YELL0003	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/23/85-09/23/85	0	1	
YELL0017	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/88-10/04/88	0	1	
YELL0073	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/03/88-10/03/88	0	1	
YELL0127	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/85-09/24/85	0	1	
YELL0130	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/28/74-10/28/74	0	1	
YELL0141	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/21/75-07/28/81	5	6	
YELL0142	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/21/75-07/28/81	5	6	
YELL0143	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/19/76-09/19/76	0	1	
YELL0172	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/23/85-09/23/85	0	1	
YELL0179	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/22/79-08/22/79	0	1	
YELL0183	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/18/76-09/18/76	0	1	
YELL0184	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/17/78-07/22/81	2	2	
YELL0187	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/18/76-08/22/79	2	3	
YELL0204	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/06/88-11/03/88	0	2	
YELL0216	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/19/76-09/05/80	3	4	
YELL0217	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/19/76-09/05/80	3	4	
YELL0218	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/06/88-11/03/88	0	2	
YELL0240	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/85-09/24/85	0	1	
YELL0276	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/85-09/24/85	0	1	
YELL0298	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/25/85-09/25/85	0	1	
YELL0312	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/02/88-11/02/88	0	1	
YELL0347	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/05/88-11/02/88	0	2	
YELL0362	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/01/88-11/01/88	0	1	
YELL0381	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/23/85-09/23/85	0	1	
YELL0401	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/88-11/01/88	0	2	
YELL0444	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/17/85-09/17/85	0	1	
YELL0017	Yes	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	10/04/88-10/04/88	0	1	
YELL0073	Yes	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	10/03/88-10/03/88	0	1	
YELL0003	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/23/85-09/23/85	0	1	
YELL0127	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/24/85-09/24/85	0	1	
YELL0172	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/23/85-09/23/85	0	1	
YELL0224	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	08/24/90-08/25/90	0	2	
YELL0240	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/24/85-09/24/85	0	1	
YELL0276	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/24/85-09/24/85	0	1	
YELL0298	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/25/85-09/25/85	0	1	
YELL0381	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/23/85-09/23/85	0	1	
YELL0444	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/17/85-09/17/85	0	1	
YELL0409	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/17/75-06/17/75	0	1	
YELL0416	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/17/75-06/17/75	0	1	
YELL0008	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/12/76-08/12/76	0	1	
YELL0018	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/17/70-10/17/70	0	1	
YELL0019	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/17/70-09/17/70	0	1	
YELL0020	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/24/70-06/24/70	0	1	
YELL0021	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/69-08/22/69	0	1	
YELL0022	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/17/70-09/17/70	0	1	
YELL0029	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/76-08/11/76	0	1	
YELL0033	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/72-08/30/72	0	1	
YELL0038	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/76-08/17/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0054	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/02/76-09/02/76	0	1	
YELL0055	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/69-08/18/69	0	1	
YELL0064	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/69-08/18/69	0	1	
YELL0065	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/13/78-10/10/85	7	35	
YELL0069	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/22/69-10/22/70	1	7	
YELL0071	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/08/78-09/08/78	0	1	
YELL0079	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/11/69-10/11/69	0	1	
YELL0092	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/11/69-10/11/69	0	1	
YELL0094	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/10/69-10/10/69	0	1	
YELL0095	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/09/70-09/09/70	0	1	
YELL0096	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/09/70-09/09/70	0	1	
YELL0097	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/22/71-09/22/71	0	1	
YELL0101	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/76-08/24/76	0	1	
YELL0111	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/10/70-09/10/70	0	1	
YELL0112	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/06/79-08/23/82	2	8	
YELL0122	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/71-10/15/71	0	1	
YELL0126	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/83-08/04/83	0	1	
YELL0130	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/28/74-10/28/74	0	1	
YELL0131	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/10/70-09/10/70	0	1	
YELL0133	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/78-09/27/84	6	22	
YELL0136	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/11/68-06/11/68	0	1	
YELL0137	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/22/67-10/22/70	3	15	
YELL0138	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/22/69-10/22/70	1	4	
YELL0141	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/21/75-07/28/81	5	6	
YELL0142	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/21/75-07/28/81	5	6	
YELL0143	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/21/69-09/19/76	7	7	
YELL0146	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/15/78-08/07/85	6	4	
YELL0148	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/22/69-10/22/70	1	7	
YELL0154	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/16/68-10/19/70	2	9	
YELL0155	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/22/71-09/22/71	0	1	
YELL0156	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/12/79-08/12/79	0	1	
YELL0159	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/19/69-10/19/70	1	6	
YELL0160	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/22/71-09/22/71	0	1	
YELL0165	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/22/69-10/22/70	1	7	
YELL0166	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/22/70-06/22/70	0	1	
YELL0167	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/16/64-06/16/64	0	1	
YELL0168	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/12/79-10/12/79	0	1	
YELL0173	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/68-10/15/68	0	1	
YELL0174	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/16/79-07/18/81	1	2	
YELL0178	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/13/69-10/13/69	0	1	
YELL0179	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/79-08/22/79	0	1	
YELL0181	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/13/69-10/13/69	0	1	
YELL0183	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/70-09/18/76	5	2	
YELL0184	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/78-07/22/81	2	3	
YELL0185	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/69-08/19/69	0	1	
YELL0186	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/69-08/19/69	0	1	
YELL0187	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/76-07/22/81	4	5	
YELL0189	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/30/76-06/30/76	0	1	
YELL0190	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/67-10/22/70	3	9	
YELL0192	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/69-08/19/69	0	1	
YELL0194	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/77-08/26/77	0	1	
YELL0205	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/67-08/22/67	0	1	
YELL0207	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/12/79-10/12/79	0	1	
YELL0213	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/11/68-06/11/68	0	1	
YELL0214	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/16/68-10/21/70	2	8	
YELL0215	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/68-09/13/68	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0216	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/76-07/24/81	4	5	
YELL0217	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/76-07/24/81	4	5	
YELL0219	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0226	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/07/77-09/07/77	0	1	
YELL0227	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/74-07/31/80	5	3	
YELL0255	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/67-09/19/67	0	1	
YELL0256	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/23/69-07/23/69	0	1	
YELL0257	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/23/69-07/23/69	0	1	
YELL0258	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/23/69-06/23/69	0	1	
YELL0259	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/67-09/19/67	0	1	
YELL0260	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/21/73-05/25/76	3	3	
YELL0263	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/07/83-09/07/83	0	1	
YELL0266	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/67-10/19/70	3	9	
YELL0267	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/05/74-09/05/74	0	1	
YELL0273	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/23/69-07/23/69	0	1	
YELL0274	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/67-08/27/69	2	3	
YELL0278	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/29/68-07/29/68	0	1	
YELL0279	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/29/68-07/29/68	0	1	
YELL0280	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/23/69-07/23/69	0	1	
YELL0281	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/21/73-05/25/76	3	3	
YELL0286	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/21/73-05/25/76	3	3	
YELL0287	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/22/69-07/22/69	0	1	
YELL0289	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/78-08/30/78	0	1	
YELL0299	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/24/69-07/24/69	0	1	
YELL0301	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0306	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/69-07/17/69	0	1	
YELL0310	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/77-08/17/77	0	1	
YELL0313	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/24/69-06/24/69	0	1	
YELL0314	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/70-09/18/70	0	1	
YELL0320	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/68-08/14/68	0	1	
YELL0321	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/08/68-10/21/70	2	7	
YELL0322	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/68-08/14/68	0	1	
YELL0325	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/74-07/12/74	0	1	
YELL0329	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/69-07/17/69	0	1	
YELL0330	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/69-08/21/69	0	1	
YELL0331	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/21/68-05/21/68	0	1	
YELL0337	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/06/75-08/06/75	0	1	
YELL0338	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/69-08/21/69	0	1	
YELL0341	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/74-09/15/74	0	1	
YELL0342	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/20/69-10/20/70	1	7	
YELL0343	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/16/76-03/16/76	0	1	
YELL0344	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/69-08/21/69	0	1	
YELL0346	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/22/69-10/21/70	1	7	
YELL0347	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/12/70-10/20/70	0	3	
YELL0348	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/17/67-08/13/68	1	4	
YELL0349	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/67-08/13/68	0	2	
YELL0350	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/68-04/13/70	1	2	
YELL0352	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/24/75-07/24/75	0	1	
YELL0359	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/26/67-10/21/70	3	17	
YELL0360	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/17/68-10/21/70	2	10	
YELL0361	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/20/69-10/20/70	1	7	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0365	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/30/75-07/30/75	0	1	
YELL0372	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/23/70-06/23/70	0	1	
YELL0373	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/26/75-09/26/75	0	1	
YELL0374	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/23/70-06/23/70	0	1	
YELL0376	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/68-08/13/68	0	1	
YELL0377	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/69-08/22/69	0	1	
YELL0378	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/69-08/22/69	0	1	
YELL0379	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/23/70-06/23/70	0	1	
YELL0380	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/68-10/20/70	2	8	
YELL0382	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/79-08/30/79	0	1	
YELL0387	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/23/68-05/23/68	0	1	
YELL0398	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/75-07/17/75	0	1	
YELL0400	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/11/67-05/11/67	0	1	
YELL0402	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/16/75-07/16/75	0	1	
YELL0409	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/23/86-07/23/86	0	1	
YELL0410	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/68-09/20/68	0	1	
YELL0412	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/74-09/20/74	0	1	
YELL0416	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/82-07/23/86	3	2	
YELL0417	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/82-07/23/86	3	3	
YELL0418	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/71-08/26/71	0	1	
YELL0419	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/78-07/18/78	0	3	
YELL0427	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0431	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/71-08/24/71	0	1	
YELL0432	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/71-08/24/71	0	1	
YELL0433	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/10/71-08/10/71	0	1	
YELL0436	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/71-08/24/71	0	1	
YELL0439	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/10/71-08/10/71	0	1	
YELL0441	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/10/71-08/10/71	0	1	
YELL0442	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/91-08/22/91	0	1	
YELL0418	No	00901	HARDNESS, CARBONATE (MG/L AS CACO3)	08/26/71-08/26/71	0	1	
YELL0431	No	00901	HARDNESS, CARBONATE (MG/L AS CACO3)	08/24/71-08/24/71	0	1	
YELL0432	No	00901	HARDNESS, CARBONATE (MG/L AS CACO3)	08/24/71-08/24/71	0	1	
YELL0433	No	00901	HARDNESS, CARBONATE (MG/L AS CACO3)	08/10/71-08/10/71	0	1	
YELL0436	Yes	00901	HARDNESS, CARBONATE (MG/L AS CACO3)	08/24/71-08/24/71	0	1	
YELL0439	No	00901	HARDNESS, CARBONATE (MG/L AS CACO3)	08/10/71-08/10/71	0	1	
YELL0441	No	00901	HARDNESS, CARBONATE (MG/L AS CACO3)	08/10/71-08/10/71	0	1	
YELL0018	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/17/70-10/17/70	0	1	
YELL0019	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/17/70-09/17/70	0	1	
YELL0020	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/24/70-06/24/70	0	1	
YELL0021	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/69-08/22/69	0	1	
YELL0022	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/17/70-09/17/70	0	1	
YELL0033	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/30/72-08/30/72	0	1	
YELL0055	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/69-08/18/69	0	1	
YELL0064	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/69-08/18/69	0	1	
YELL0069	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/22/69-10/22/70	1	7	
YELL0079	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/11/69-10/11/69	0	1	
YELL0092	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/11/69-10/11/69	0	1	
YELL0094	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/10/69-10/10/69	0	1	
YELL0095	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/09/70-09/09/70	0	1	
YELL0096	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/09/70-09/09/70	0	1	
YELL0097	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/22/71-09/22/71	0	1	
YELL0111	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/10/70-09/10/70	0	1	
YELL0122	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/15/71-10/15/71	0	1	
YELL0130	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/28/74-10/28/74	0	1	
YELL0131	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/10/70-09/10/70	0	1	
YELL0136	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/11/68-06/11/68	0	1	
YELL0137	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/22/67-10/22/70	3	15	
YELL0138	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/22/69-10/22/70	1	4	
YELL0141	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/21/75-09/03/80	4	5	
YELL0142	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/21/75-09/03/80	4	5	
YELL0143	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/21/69-09/19/76	7	7	
YELL0148	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/22/69-10/22/70	1	7	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0154	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/16/68-10/19/70	2	9	
YELL0155	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/22/71-09/22/71	0	1	
YELL0159	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/19/69-10/19/70	1	6	
YELL0160	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/22/71-09/22/71	0	1	
YELL0165	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/22/69-10/22/70	1	7	
YELL0166	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/22/70-06/22/70	0	1	
YELL0167	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/16/64-06/16/64	0	1	
YELL0173	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/15/68-10/15/68	0	1	
YELL0178	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/13/69-10/13/69	0	1	
YELL0179	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/79-08/22/79	0	1	
YELL0181	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/13/69-10/13/69	0	1	
YELL0183	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/70-09/18/76	5	2	
YELL0184	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/17/78-08/29/80	2	2	
YELL0185	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/69-08/19/69	0	1	
YELL0186	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/69-08/19/69	0	1	
YELL0187	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/18/76-08/29/80	3	4	
YELL0190	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/67-10/22/70	3	9	
YELL0192	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/69-08/19/69	0	1	
YELL0205	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/67-08/22/67	0	1	
YELL0213	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/11/68-06/11/68	0	1	
YELL0214	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/16/68-10/21/70	2	8	
YELL0215	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/13/68-09/13/68	0	1	
YELL0216	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/76-09/05/80	3	4	
YELL0217	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/76-09/05/80	3	4	
YELL0226	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/07/77-09/07/77	0	1	
YELL0255	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/67-09/19/67	0	1	
YELL0256	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/23/69-07/23/69	0	1	
YELL0257	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/23/69-07/23/69	0	1	
YELL0258	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/23/69-06/23/69	0	1	
YELL0259	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/67-09/19/67	0	1	
YELL0266	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/67-10/19/70	3	9	
YELL0273	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/23/69-07/23/69	0	1	
YELL0274	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/67-08/27/69	2	3	
YELL0278	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/29/68-07/29/68	0	1	
YELL0279	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/29/68-07/29/68	0	1	
YELL0280	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/23/69-07/23/69	0	1	
YELL0287	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/22/69-07/22/69	0	1	
YELL0299	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/24/69-07/24/69	0	1	
YELL0306	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/17/69-07/17/69	0	1	
YELL0313	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/24/69-06/24/69	0	1	
YELL0314	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/18/70-09/18/70	0	1	
YELL0320	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/14/68-08/14/68	0	1	
YELL0321	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/08/68-10/21/70	2	7	
YELL0322	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/14/68-08/14/68	0	1	
YELL0329	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/17/69-07/17/69	0	1	
YELL0330	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/21/69-08/21/69	0	1	
YELL0331	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/21/68-05/21/68	0	1	
YELL0338	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/21/69-08/21/69	0	1	
YELL0342	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/20/69-10/20/70	1	7	
YELL0344	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/21/69-08/21/69	0	1	
YELL0346	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/22/69-10/21/70	1	7	
YELL0347	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/12/70-10/20/70	0	3	
YELL0348	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/17/67-08/13/68	1	4	
YELL0349	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/20/67-08/13/68	0	2	
YELL0350	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/13/68-04/13/70	1	2	
YELL0359	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/26/67-10/21/70	3	17	
YELL0360	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/17/68-10/21/70	2	10	
YELL0361	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/20/69-10/20/70	1	7	
YELL0372	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/23/70-06/23/70	0	1	
YELL0374	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/23/70-06/23/70	0	1	
YELL0376	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/13/68-08/13/68	0	1	
YELL0377	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/69-08/22/69	0	1	
YELL0378	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/69-08/22/69	0	1	
YELL0379	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/23/70-06/23/70	0	1	
YELL0380	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/13/68-10/20/70	2	8	
YELL0387	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/23/68-05/23/68	0	1	
YELL0400	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/11/67-05/11/67	0	1	
YELL0410	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/20/68-09/20/68	0	1	
YELL0418	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/71-08/26/71	0	1	
YELL0431	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/24/71-08/24/71	0	1	
YELL0432	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/24/71-08/24/71	0	1	
YELL0433	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/10/71-08/10/71	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0436	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/24/71-08/24/71	0	1	
YELL0439	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/10/71-08/10/71	0	1	
YELL0441	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/10/71-08/10/71	0	1	
YELL0003	No	00910	CALCIUM (MG/L AS CACO3)	09/23/85-09/23/85	0	1	
YELL0127	Yes	00910	CALCIUM (MG/L AS CACO3)	09/24/85-09/24/85	0	1	
YELL0172	Yes	00910	CALCIUM (MG/L AS CACO3)	09/23/85-09/23/85	0	1	
YELL0240	Yes	00910	CALCIUM (MG/L AS CACO3)	09/24/85-09/24/85	0	1	
YELL0276	Yes	00910	CALCIUM (MG/L AS CACO3)	09/24/85-09/24/85	0	1	
YELL0298	Yes	00910	CALCIUM (MG/L AS CACO3)	09/25/85-09/25/85	0	1	
YELL0381	Yes	00910	CALCIUM (MG/L AS CACO3)	09/23/85-09/23/85	0	1	
YELL0444	No	00910	CALCIUM (MG/L AS CACO3)	09/17/85-09/17/85	0	1	
YELL0004	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/23/91-07/23/91	0	2	
YELL0005	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/23/91-07/23/91	0	1	
YELL0017	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/04/88-10/04/88	0	1	
YELL0018	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/17/70-10/17/70	0	1	
YELL0019	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/17/70-09/17/70	0	1	
YELL0020	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/24/70-06/24/70	0	1	
YELL0021	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/69-08/22/69	0	1	
YELL0022	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/17/70-09/17/70	0	1	
YELL0033	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/72-08/30/72	0	1	
YELL0055	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/69-08/18/69	0	1	
YELL0064	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/69-08/18/69	0	1	
YELL0069	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/22/69-10/22/70	1	7	
YELL0073	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/88-10/03/88	0	1	
YELL0079	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/11/69-10/11/69	0	1	
YELL0092	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/11/69-10/11/69	0	1	
YELL0094	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/10/69-10/10/69	0	1	
YELL0095	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/70-09/09/70	0	1	
YELL0096	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/70-09/09/70	0	1	
YELL0097	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/22/71-09/22/71	0	1	
YELL0111	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/70-09/10/70	0	1	
YELL0122	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/71-10/15/71	0	1	
YELL0130	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/28/74-10/28/74	0	1	
YELL0131	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/70-09/10/70	0	1	
YELL0136	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/11/68-06/11/68	0	1	
YELL0137	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/22/67-10/22/70	3	15	
YELL0138	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/22/69-10/22/70	1	5	
YELL0141	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/75-07/28/81	5	6	
YELL0142	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/75-07/28/81	5	6	
YELL0143	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/21/69-09/19/76	7	7	
YELL0148	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/22/69-10/22/70	1	7	
YELL0154	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/16/68-10/19/70	2	9	
YELL0155	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/22/71-09/22/71	0	1	
YELL0159	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/19/69-10/19/70	1	6	
YELL0160	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/22/71-09/22/71	0	1	
YELL0165	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/22/69-10/22/70	1	7	
YELL0166	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/22/70-06/22/70	0	1	
YELL0167	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/16/64-06/16/64	0	1	
YELL0173	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/68-10/15/68	0	1	
YELL0178	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/13/69-10/13/69	0	1	
YELL0179	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/79-08/22/79	0	1	
YELL0181	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/13/69-10/13/69	0	1	
YELL0183	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/70-09/18/76	5	2	
YELL0184	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/78-07/22/81	2	3	
YELL0185	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/69-08/19/69	0	1	
YELL0186	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/69-08/19/69	0	1	
YELL0187	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/76-07/22/81	4	5	
YELL0190	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/67-10/22/70	3	9	
YELL0192	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/69-08/19/69	0	1	
YELL0204	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/06/88-11/03/88	0	2	
YELL0205	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/67-08/22/67	0	1	
YELL0213	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/11/68-06/11/68	0	1	
YELL0214	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/16/68-10/21/70	2	8	
YELL0215	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/13/68-09/13/68	0	1	
YELL0216	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/76-07/24/81	4	5	
YELL0217	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/76-07/24/81	4	5	
YELL0218	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/06/88-08/11/89	0	3	
YELL0224	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/14/89-08/25/90	1	8	
YELL0226	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/07/77-09/07/77	0	1	
YELL0255	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/67-09/19/67	0	1	
YELL0256	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/23/69-07/23/69	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0257	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/23/69-07/23/69	0	1	
YELL0258	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/23/69-06/23/69	0	1	
YELL0259	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/67-09/19/67	0	1	
YELL0260	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/21/73-05/25/76	3	3	
YELL0266	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/67-10/19/70	3	9	
YELL0273	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/23/69-07/23/69	0	1	
YELL0274	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/67-08/27/69	2	3	
YELL0278	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/29/68-07/29/68	0	1	
YELL0279	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/29/68-07/29/68	0	1	
YELL0280	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/23/69-07/23/69	0	1	
YELL0281	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/21/73-05/25/76	3	3	
YELL0286	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/21/73-05/25/76	3	3	
YELL0287	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/22/69-07/22/69	0	1	
YELL0299	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/69-07/24/69	0	1	
YELL0306	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/17/69-07/17/69	0	1	
YELL0312	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/02/88-11/02/88	0	1	
YELL0313	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/24/69-06/24/69	0	1	
YELL0314	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/70-09/18/70	0	1	
YELL0320	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/68-08/14/68	0	1	
YELL0321	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/68-10/21/70	2	7	
YELL0322	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/68-08/14/68	0	1	
YELL0329	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/17/69-07/17/69	0	1	
YELL0330	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/69-08/21/69	0	1	
YELL0331	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/21/68-05/21/68	0	1	
YELL0338	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/69-08/21/69	0	1	
YELL0342	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/20/69-10/20/70	1	7	
YELL0343	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/16/76-03/16/76	0	1	
YELL0344	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/69-08/21/69	0	1	
YELL0346	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/22/69-10/21/70	1	7	
YELL0347	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/12/70-11/02/88	18	5	
YELL0348	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/17/67-08/13/68	1	4	
YELL0349	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/67-08/13/68	0	2	
YELL0350	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/68-04/13/70	1	2	
YELL0359	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/26/67-10/21/70	3	17	
YELL0360	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/17/68-10/21/70	2	11	
YELL0361	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/20/69-10/20/70	1	7	
YELL0362	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/88-11/01/88	0	1	
YELL0372	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/23/70-06/23/70	0	1	
YELL0374	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/23/70-06/23/70	0	1	
YELL0376	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/68-08/13/68	0	1	
YELL0377	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/69-08/22/69	0	1	
YELL0378	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/69-08/22/69	0	1	
YELL0379	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/23/70-06/23/70	0	1	
YELL0380	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/68-10/20/70	2	8	
YELL0386	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/88-06/26/91	2	6	
YELL0387	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/23/68-05/23/68	0	1	
YELL0388	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/06/88-06/26/91	2	6	
YELL0389	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/15/90-06/26/91	0	2	
YELL0390	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/06/89-06/26/91	2	5	
YELL0400	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/67-06/26/91	24	7	
YELL0401	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/04/88-06/26/91	2	7	
YELL0409	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/23/86-07/23/86	0	1	
YELL0410	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/68-09/20/68	0	1	
YELL0416	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/82-07/23/86	3	2	
YELL0417	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/82-07/23/86	3	3	
YELL0418	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/71-08/26/71	0	1	
YELL0419	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/26/78-07/18/78	0	3	
YELL0431	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/24/71-08/24/71	0	1	
YELL0432	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/24/71-08/24/71	0	1	
YELL0433	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/10/71-08/10/71	0	1	
YELL0436	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/24/71-08/24/71	0	1	
YELL0439	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/10/71-08/10/71	0	1	
YELL0441	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/10/71-08/10/71	0	1	
YELL0442	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/91-08/22/91	0	1	
YELL0008	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/12/76-08/12/76	0	1	
YELL0029	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/02/76-09/02/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0065	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/13/78-10/10/85	7	35	
YELL0071	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/08/78-09/08/78	0	1	
YELL0101	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/04/83-08/04/83	0	1	
YELL0133	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	05/24/78-09/27/84	6	22	
YELL0146	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/15/78-08/07/85	6	4	
YELL0156	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	10/16/79-07/18/81	1	2	
YELL0189	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/26/77-08/26/77	0	1	
YELL0207	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	10/12/79-10/12/79	0	1	
YELL0219	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/13/74-07/31/80	5	3	
YELL0263	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/83-09/07/83	0	1	
YELL0267	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/05/74-09/05/74	0	1	
YELL0289	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/01/79-09/01/79	0	1	
YELL0310	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/17/77-08/17/77	0	1	
YELL0325	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/15/74-09/15/74	0	1	
YELL0352	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/24/75-07/24/75	0	1	
YELL0365	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/17/75-07/17/75	0	1	
YELL0402	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/10/75-07/10/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0404	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/20/74-09/20/74	0	1	
YELL0427	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	09/01/79-09/01/79	0	1	
YELL0008	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/12/76-08/12/76	0	1	
YELL0029	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00920	MAGNESIUM (MG/L AS CACO3)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00920	MAGNESIUM (MG/L AS CACO3)	07/13/78-10/10/85	7	35	
YELL0071	Yes	00920	MAGNESIUM (MG/L AS CACO3)	09/08/78-09/08/78	0	1	
YELL0101	Yes	00920	MAGNESIUM (MG/L AS CACO3)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00920	MAGNESIUM (MG/L AS CACO3)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00920	MAGNESIUM (MG/L AS CACO3)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00920	MAGNESIUM (MG/L AS CACO3)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00920	MAGNESIUM (MG/L AS CACO3)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00920	MAGNESIUM (MG/L AS CACO3)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00920	MAGNESIUM (MG/L AS CACO3)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/04/83-08/04/83	0	1	
YELL0133	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00920	MAGNESIUM (MG/L AS CACO3)	05/24/78-09/27/84	6	22	
YELL0146	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/15/78-08/07/85	6	4	
YELL0156	Yes	00920	MAGNESIUM (MG/L AS CACO3)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00920	MAGNESIUM (MG/L AS CACO3)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00920	MAGNESIUM (MG/L AS CACO3)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00920	MAGNESIUM (MG/L AS CACO3)	10/16/79-07/18/81	1	2	
YELL0189	Yes	00920	MAGNESIUM (MG/L AS CACO3)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/26/77-08/26/77	0	1	
YELL0207	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00920	MAGNESIUM (MG/L AS CACO3)	10/12/79-10/12/79	0	1	
YELL0219	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/13/74-07/31/80	5	3	
YELL0263	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00920	MAGNESIUM (MG/L AS CACO3)	09/07/83-09/07/83	0	1	
YELL0267	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00920	MAGNESIUM (MG/L AS CACO3)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00920	MAGNESIUM (MG/L AS CACO3)	09/05/74-09/05/74	0	1	
YELL0289	Yes	00920	MAGNESIUM (MG/L AS CACO3)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00920	MAGNESIUM (MG/L AS CACO3)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00920	MAGNESIUM (MG/L AS CACO3)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00920	MAGNESIUM (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0310	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/17/77-08/17/77	0	1	
YELL0325	Yes	00920	MAGNESIUM (MG/L AS CACO3)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00920	MAGNESIUM (MG/L AS CACO3)	09/15/74-09/15/74	0	1	

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Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0352	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00920	MAGNESIUM (MG/L AS CACO3)	07/24/75-07/24/75	0	1	
YELL0365	Yes	00920	MAGNESIUM (MG/L AS CACO3)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00920	MAGNESIUM (MG/L AS CACO3)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00920	MAGNESIUM (MG/L AS CACO3)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00920	MAGNESIUM (MG/L AS CACO3)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00920	MAGNESIUM (MG/L AS CACO3)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00920	MAGNESIUM (MG/L AS CACO3)	07/17/75-07/17/75	0	1	
YELL0402	Yes	00920	MAGNESIUM (MG/L AS CACO3)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00920	MAGNESIUM (MG/L AS CACO3)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00920	MAGNESIUM (MG/L AS CACO3)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00920	MAGNESIUM (MG/L AS CACO3)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00920	MAGNESIUM (MG/L AS CACO3)	09/20/74-09/20/74	0	1	
YELL0427	Yes	00920	MAGNESIUM (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00920	MAGNESIUM (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00920	MAGNESIUM (MG/L AS CACO3)	09/01/79-09/01/79	0	1	
YELL0003	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/85-09/23/85	0	1	
YELL0004	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/23/91-07/23/91	0	2	
YELL0005	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/23/91-07/23/91	0	1	
YELL0017	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/88-10/04/88	0	1	
YELL0018	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/17/70-10/17/70	0	1	
YELL0019	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/70-09/17/70	0	1	
YELL0020	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/24/70-06/24/70	0	1	
YELL0021	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/69-08/22/69	0	1	
YELL0022	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/70-09/17/70	0	1	
YELL0033	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/72-08/30/72	0	1	
YELL0055	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/69-08/18/69	0	1	
YELL0064	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/69-08/18/69	0	1	
YELL0069	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/22/69-10/22/70	1	7	
YELL0073	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/88-10/03/88	0	1	
YELL0079	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/11/69-10/11/69	0	1	
YELL0092	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/11/69-10/11/69	0	1	
YELL0094	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/69-10/10/69	0	1	
YELL0095	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/09/70-09/09/70	0	1	
YELL0096	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/09/70-09/09/70	0	1	
YELL0097	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/22/71-09/22/71	0	1	
YELL0111	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/70-09/10/70	0	1	
YELL0122	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/71-10/15/71	0	1	
YELL0127	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/85-09/24/85	0	1	
YELL0130	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/28/74-10/28/74	0	1	
YELL0131	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/70-09/10/70	0	1	
YELL0136	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/11/68-06/11/68	0	1	
YELL0137	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/22/67-10/22/70	3	15	
YELL0138	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/22/69-10/22/70	1	5	
YELL0141	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/75-07/28/81	5	6	
YELL0142	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/75-07/28/81	5	6	
YELL0143	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/21/69-09/19/76	7	7	
YELL0148	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/22/69-10/22/70	1	7	
YELL0154	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/16/68-10/19/70	2	9	
YELL0155	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/22/71-09/22/71	0	1	
YELL0159	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/19/69-10/19/70	1	6	
YELL0160	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/22/71-09/22/71	0	1	
YELL0165	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/22/69-10/22/70	1	7	
YELL0166	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/22/70-06/22/70	0	1	
YELL0167	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/16/64-06/16/64	0	1	
YELL0172	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/85-09/23/85	0	1	
YELL0173	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/68-10/15/68	0	1	
YELL0178	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/13/69-10/13/69	0	1	
YELL0179	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/79-08/22/79	0	1	
YELL0181	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/13/69-10/13/69	0	1	
YELL0183	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/70-09/18/76	5	2	
YELL0184	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/78-07/22/81	2	3	
YELL0185	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/69-08/19/69	0	1	
YELL0186	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/69-08/19/69	0	1	
YELL0187	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/76-07/22/81	4	5	
YELL0190	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/67-10/22/70	3	9	
YELL0192	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/69-08/19/69	0	1	

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Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0204	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/06/88-11/03/88	0	2	
YELL0205	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/67-08/22/67	0	1	
YELL0213	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/11/68-06/11/68	0	1	
YELL0214	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/16/68-10/21/70	2	8	
YELL0215	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/13/68-09/13/68	0	1	
YELL0216	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/76-07/24/81	4	5	
YELL0217	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/76-07/24/81	4	5	
YELL0218	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/06/88-08/11/89	0	3	
YELL0224	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/14/89-08/25/90	1	8	
YELL0226	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/07/77-09/07/77	0	1	
YELL0240	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/85-09/24/85	0	1	
YELL0255	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/67-09/19/67	0	1	
YELL0256	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/23/69-07/23/69	0	1	
YELL0257	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/23/69-07/23/69	0	1	
YELL0258	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/23/69-06/23/69	0	1	
YELL0259	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/67-09/19/67	0	1	
YELL0260	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/21/73-09/30/75	2	2	
YELL0266	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/67-10/19/70	3	9	
YELL0273	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/23/69-07/23/69	0	1	
YELL0274	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/67-08/27/69	2	3	
YELL0276	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/85-09/24/85	0	1	
YELL0278	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/29/68-07/29/68	0	1	
YELL0279	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/29/68-07/29/68	0	1	
YELL0280	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/23/69-07/23/69	0	1	
YELL0281	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/21/73-05/25/76	3	3	
YELL0286	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/21/73-05/25/76	3	3	
YELL0287	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/22/69-07/22/69	0	1	
YELL0298	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/85-09/25/85	0	1	
YELL0299	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/69-07/24/69	0	1	
YELL0306	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/17/69-07/17/69	0	1	
YELL0312	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/02/88-11/02/88	0	1	
YELL0313	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/24/69-06/24/69	0	1	
YELL0314	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/70-09/18/70	0	1	
YELL0320	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/68-08/14/68	0	1	
YELL0321	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/68-10/21/70	2	7	
YELL0322	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/68-08/14/68	0	1	
YELL0329	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/17/69-07/17/69	0	1	
YELL0330	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/69-08/21/69	0	1	
YELL0331	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/21/68-05/21/68	0	1	
YELL0338	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/69-08/21/69	0	1	
YELL0342	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/20/69-10/20/70	1	7	
YELL0343	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/16/76-03/16/76	0	1	
YELL0344	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/69-08/21/69	0	1	
YELL0346	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/22/69-10/21/70	1	7	
YELL0347	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/12/70-11/02/88	18	5	
YELL0348	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/17/67-08/13/68	1	4	
YELL0349	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/67-08/13/68	0	2	
YELL0350	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/68-04/13/70	1	2	
YELL0359	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/26/67-10/21/70	3	17	
YELL0360	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/17/68-10/21/70	2	11	
YELL0361	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/20/69-10/20/70	1	7	
YELL0362	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/88-11/01/88	0	1	
YELL0372	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/23/70-06/23/70	0	1	
YELL0374	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/23/70-06/23/70	0	1	
YELL0376	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/68-08/13/68	0	1	
YELL0377	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/69-08/22/69	0	1	
YELL0378	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/69-08/22/69	0	1	
YELL0379	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/23/70-06/23/70	0	1	
YELL0380	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/68-10/20/70	2	8	
YELL0381	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/85-09/23/85	0	1	
YELL0386	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/88-06/26/91	2	6	
YELL0387	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/68-05/23/68	0	1	
YELL0388	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/06/88-06/26/91	2	6	
YELL0389	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/15/90-06/26/91	0	2	
YELL0390	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/06/89-06/26/91	2	5	
YELL0400	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/67-06/26/91	24	7	
YELL0401	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/88-06/26/91	2	7	
YELL0409	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/23/86-07/23/86	0	1	
YELL0410	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/68-09/20/68	0	1	
YELL0416	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/82-07/23/86	3	2	
YELL0417	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/82-07/23/86	3	3	
YELL0418	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/71-08/26/71	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0419	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/26/78-04/18/78	0	2	
YELL0431	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/71-08/24/71	0	1	
YELL0432	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/71-08/24/71	0	1	
YELL0433	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/10/71-08/10/71	0	1	
YELL0436	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/71-08/24/71	0	1	
YELL0439	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/10/71-08/10/71	0	1	
YELL0441	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/10/71-08/10/71	0	1	
YELL0442	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/91-08/22/91	0	1	
YELL0444	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/85-09/17/85	0	1	
YELL0008	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/12/76-08/12/76	0	1	
YELL0029	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/13/78-10/10/85	7	35	
YELL0071	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/08/78-09/08/78	0	1	
YELL0101	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/83-08/04/83	0	1	
YELL0133	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/24/78-09/27/84	6	22	
YELL0146	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/15/78-08/07/85	6	4	
YELL0156	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/16/79-07/18/81	1	2	
YELL0189	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/26/77-08/26/77	0	1	
YELL0207	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/12/79-10/12/79	0	1	
YELL0219	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/13/74-07/31/80	5	3	
YELL0263	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/83-09/07/83	0	1	
YELL0267	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/05/74-09/05/74	0	1	
YELL0289	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/01/79-09/01/79	0	1	
YELL0310	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/17/77-08/17/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0325	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/15/74-09/15/74	0	1	
YELL0352	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/24/75-07/24/75	0	1	
YELL0365	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/17/75-07/17/75	0	1	
YELL0402	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/20/74-09/20/74	0	1	
YELL0427	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/01/79-09/01/79	0	1	
YELL0008	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/12/76-08/12/76	0	1	
YELL0029	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/13/78-10/10/85	7	35	
YELL0071	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	09/08/78-09/08/78	0	1	
YELL0101	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/04/83-08/04/83	0	1	
YELL0133	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	05/24/78-09/27/84	6	22	
YELL0146	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/15/78-08/07/85	6	4	
YELL0156	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	10/16/79-07/18/81	1	2	
YELL0189	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/26/77-08/26/77	0	1	
YELL0207	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	10/12/79-10/12/79	0	1	
YELL0219	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/13/74-07/31/80	5	3	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0263	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	09/07/83-09/07/83	0	1	
YELL0267	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	09/05/74-09/05/74	0	1	
YELL0289	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	09/01/79-09/01/79	0	1	
YELL0310	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/17/77-08/17/77	0	1	
YELL0325	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	09/15/74-09/15/74	0	1	
YELL0352	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/24/75-07/24/75	0	1	
YELL0365	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/17/75-07/17/75	0	1	
YELL0402	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	09/20/74-09/20/74	0	1	
YELL0427	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	09/01/79-09/01/79	0	1	
YELL0003	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/85-09/23/85	0	1	
YELL0004	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/23/91-07/23/91	0	2	
YELL0005	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/23/91-07/23/91	0	1	
YELL0017	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/88-10/04/88	0	1	
YELL0018	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/17/70-10/17/70	0	1	
YELL0019	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/17/70-09/17/70	0	1	
YELL0020	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/24/70-06/24/70	0	1	
YELL0021	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/69-08/22/69	0	1	
YELL0022	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/17/70-09/17/70	0	1	
YELL0033	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/72-08/30/72	0	1	
YELL0055	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/69-08/18/69	0	1	
YELL0064	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/69-08/18/69	0	1	
YELL0069	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/22/69-10/22/70	1	7	
YELL0073	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/88-10/03/88	0	1	
YELL0079	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/11/69-10/11/69	0	1	
YELL0092	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/11/69-10/11/69	0	1	
YELL0094	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/69-10/10/69	0	1	
YELL0095	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/09/70-09/09/70	0	1	
YELL0096	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/09/70-09/09/70	0	1	
YELL0097	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/22/71-09/22/71	0	1	
YELL0111	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/10/70-09/10/70	0	1	
YELL0122	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/71-10/15/71	0	1	
YELL0127	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/85-09/24/85	0	1	
YELL0130	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/28/74-10/28/74	0	1	
YELL0131	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/10/70-09/10/70	0	1	
YELL0136	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/11/68-06/11/68	0	1	
YELL0137	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/22/67-10/22/70	3	15	
YELL0138	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/22/69-10/22/70	1	5	
YELL0141	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/75-07/28/81	5	6	
YELL0142	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/75-07/28/81	5	6	
YELL0143	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/21/69-09/19/76	7	7	
YELL0148	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/22/69-10/22/70	1	7	
YELL0154	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/16/68-10/19/70	2	9	
YELL0155	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/22/71-09/22/71	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0159	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/19/69-10/19/70	1	6	
YELL0160	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/22/71-09/22/71	0	1	
YELL0165	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/22/69-10/22/70	1	7	
YELL0166	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/22/70-06/22/70	0	1	
YELL0167	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/16/64-06/16/64	0	1	
YELL0172	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/85-09/23/85	0	1	
YELL0173	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/68-10/15/68	0	1	
YELL0178	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/13/69-10/13/69	0	1	
YELL0179	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/79-08/22/79	0	1	
YELL0181	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/13/69-10/13/69	0	1	
YELL0183	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/70-09/18/76	5	2	
YELL0184	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/78-07/22/81	2	3	
YELL0185	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/69-08/19/69	0	1	
YELL0186	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/69-08/19/69	0	1	
YELL0187	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/18/76-07/22/81	4	5	
YELL0190	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/67-10/22/70	3	9	
YELL0192	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/69-08/19/69	0	1	
YELL0204	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/06/88-11/03/88	0	2	
YELL0205	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/67-08/22/67	0	1	
YELL0213	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/11/68-06/11/68	0	1	
YELL0214	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/16/68-10/21/70	2	8	
YELL0215	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/13/68-09/13/68	0	1	
YELL0216	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/76-07/24/81	4	5	
YELL0217	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/76-07/24/81	4	5	
YELL0218	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/06/88-08/11/89	0	3	
YELL0224	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/14/89-08/25/90	1	8	
YELL0226	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/07/77-09/07/77	0	1	
YELL0240	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/85-09/24/85	0	1	
YELL0255	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/67-09/19/67	0	1	
YELL0256	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/23/69-07/23/69	0	1	
YELL0257	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/23/69-07/23/69	0	1	
YELL0258	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/23/69-06/23/69	0	1	
YELL0259	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/67-09/19/67	0	1	
YELL0260	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/21/73-05/25/76	3	3	
YELL0266	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/67-10/19/70	3	9	
YELL0273	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/23/69-07/23/69	0	1	
YELL0274	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/67-08/27/69	2	3	
YELL0276	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/85-09/24/85	0	1	
YELL0278	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/29/68-07/29/68	0	1	
YELL0279	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/29/68-07/29/68	0	1	
YELL0280	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/23/69-07/23/69	0	1	
YELL0281	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/21/73-05/25/76	3	3	
YELL0286	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/21/73-05/25/76	3	3	
YELL0287	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/22/69-07/22/69	0	1	
YELL0298	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/85-09/25/85	0	1	
YELL0299	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/69-07/24/69	0	1	
YELL0306	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/17/69-07/17/69	0	1	
YELL0312	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/02/88-11/02/88	0	1	
YELL0313	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/24/69-06/24/69	0	1	
YELL0314	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/18/70-09/18/70	0	1	
YELL0320	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/68-08/14/68	0	1	
YELL0321	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/68-10/21/70	2	7	
YELL0322	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/68-08/14/68	0	1	
YELL0329	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/17/69-07/17/69	0	1	
YELL0330	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/69-08/21/69	0	1	
YELL0331	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/21/68-05/21/68	0	1	
YELL0338	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/69-08/21/69	0	1	
YELL0342	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/20/69-10/20/70	1	7	
YELL0343	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/16/76-03/16/76	0	1	
YELL0344	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/69-08/21/69	0	1	
YELL0346	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/22/69-10/21/70	1	7	
YELL0347	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/12/70-11/02/88	18	5	
YELL0348	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/17/67-08/13/68	1	4	
YELL0349	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/67-08/13/68	0	2	
YELL0350	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/68-04/13/70	1	2	
YELL0359	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/26/67-10/21/70	3	17	
YELL0360	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/17/68-10/21/70	2	11	
YELL0361	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/20/69-10/20/70	1	7	
YELL0362	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/88-11/01/88	0	1	
YELL0372	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/23/70-06/23/70	0	1	
YELL0374	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/23/70-06/23/70	0	1	
YELL0376	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/68-08/13/68	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0377	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/69-08/22/69	0	1	
YELL0378	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/69-08/22/69	0	1	
YELL0379	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/23/70-06/23/70	0	1	
YELL0380	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/68-10/20/70	2	8	
YELL0381	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/85-09/23/85	0	1	
YELL0386	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/88-06/26/91	2	6	
YELL0387	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/23/68-05/23/68	0	1	
YELL0388	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/06/88-06/26/91	2	6	
YELL0389	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/15/90-06/26/91	0	2	
YELL0390	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/06/89-06/26/91	2	5	
YELL0400	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/67-06/26/91	24	7	
YELL0401	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/88-06/26/91	2	7	
YELL0410	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/68-09/20/68	0	1	
YELL0418	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/71-08/26/71	0	1	
YELL0419	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/26/78-07/18/78	0	3	
YELL0431	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/71-08/24/71	0	1	
YELL0432	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/71-08/24/71	0	1	
YELL0433	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/10/71-08/10/71	0	1	
YELL0436	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/71-08/24/71	0	1	
YELL0439	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/10/71-08/10/71	0	1	
YELL0441	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/10/71-08/10/71	0	1	
YELL0442	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/91-08/22/91	0	1	
YELL0444	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/17/85-09/17/85	0	1	
YELL0004	No	00931	SODIUM ADSORPTION RATIO	07/23/91-07/23/91	0	2	
YELL0005	No	00931	SODIUM ADSORPTION RATIO	07/23/91-07/23/91	0	1	
YELL0018	Yes	00931	SODIUM ADSORPTION RATIO	10/17/70-10/17/70	0	1	
YELL0019	Yes	00931	SODIUM ADSORPTION RATIO	09/17/70-09/17/70	0	1	
YELL0020	Yes	00931	SODIUM ADSORPTION RATIO	06/24/70-06/24/70	0	1	
YELL0021	Yes	00931	SODIUM ADSORPTION RATIO	08/22/69-08/22/69	0	1	
YELL0022	Yes	00931	SODIUM ADSORPTION RATIO	09/17/70-09/17/70	0	1	
YELL0033	No	00931	SODIUM ADSORPTION RATIO	08/30/72-08/30/72	0	1	
YELL0055	Yes	00931	SODIUM ADSORPTION RATIO	08/18/69-08/18/69	0	1	
YELL0064	Yes	00931	SODIUM ADSORPTION RATIO	08/18/69-08/18/69	0	1	
YELL0069	Yes	00931	SODIUM ADSORPTION RATIO	05/22/69-10/22/70	1	7	
YELL0079	Yes	00931	SODIUM ADSORPTION RATIO	10/11/69-10/11/69	0	1	
YELL0092	Yes	00931	SODIUM ADSORPTION RATIO	10/11/69-10/11/69	0	1	
YELL0094	Yes	00931	SODIUM ADSORPTION RATIO	10/10/69-10/10/69	0	1	
YELL0095	Yes	00931	SODIUM ADSORPTION RATIO	09/09/70-09/09/70	0	1	
YELL0096	Yes	00931	SODIUM ADSORPTION RATIO	09/09/70-09/09/70	0	1	
YELL0097	Yes	00931	SODIUM ADSORPTION RATIO	09/22/71-09/22/71	0	1	
YELL0111	Yes	00931	SODIUM ADSORPTION RATIO	09/10/70-09/10/70	0	1	
YELL0122	Yes	00931	SODIUM ADSORPTION RATIO	10/15/71-10/15/71	0	1	
YELL0130	Yes	00931	SODIUM ADSORPTION RATIO	10/28/74-10/28/74	0	1	
YELL0131	Yes	00931	SODIUM ADSORPTION RATIO	09/10/70-09/10/70	0	1	
YELL0136	Yes	00931	SODIUM ADSORPTION RATIO	06/11/68-06/11/68	0	1	
YELL0137	Yes	00931	SODIUM ADSORPTION RATIO	06/22/67-10/22/70	3	15	
YELL0138	Yes	00931	SODIUM ADSORPTION RATIO	05/22/69-10/22/70	1	5	
YELL0141	Yes	00931	SODIUM ADSORPTION RATIO	10/21/75-07/28/81	5	6	
YELL0142	Yes	00931	SODIUM ADSORPTION RATIO	10/21/75-07/28/81	5	6	
YELL0143	Yes	00931	SODIUM ADSORPTION RATIO	05/21/69-09/19/76	7	7	
YELL0148	Yes	00931	SODIUM ADSORPTION RATIO	05/22/69-10/22/70	1	7	
YELL0154	Yes	00931	SODIUM ADSORPTION RATIO	08/16/68-10/19/70	2	9	
YELL0155	Yes	00931	SODIUM ADSORPTION RATIO	09/22/71-09/22/71	0	1	
YELL0159	Yes	00931	SODIUM ADSORPTION RATIO	05/19/69-10/19/70	1	6	
YELL0160	Yes	00931	SODIUM ADSORPTION RATIO	09/22/71-09/22/71	0	1	
YELL0165	Yes	00931	SODIUM ADSORPTION RATIO	05/22/69-10/22/70	1	7	
YELL0166	Yes	00931	SODIUM ADSORPTION RATIO	06/22/70-06/22/70	0	1	
YELL0167	Yes	00931	SODIUM ADSORPTION RATIO	06/16/64-06/16/64	0	1	
YELL0173	Yes	00931	SODIUM ADSORPTION RATIO	10/15/68-10/15/68	0	1	
YELL0178	Yes	00931	SODIUM ADSORPTION RATIO	10/13/69-10/13/69	0	1	
YELL0179	Yes	00931	SODIUM ADSORPTION RATIO	08/22/79-08/22/79	0	1	
YELL0181	Yes	00931	SODIUM ADSORPTION RATIO	10/13/69-10/13/69	0	1	
YELL0183	Yes	00931	SODIUM ADSORPTION RATIO	10/19/70-09/18/76	5	2	
YELL0184	Yes	00931	SODIUM ADSORPTION RATIO	08/17/78-07/22/81	2	3	
YELL0185	Yes	00931	SODIUM ADSORPTION RATIO	08/19/69-08/19/69	0	1	
YELL0186	Yes	00931	SODIUM ADSORPTION RATIO	08/19/69-08/19/69	0	1	
YELL0187	Yes	00931	SODIUM ADSORPTION RATIO	09/18/76-07/22/81	4	5	
YELL0190	Yes	00931	SODIUM ADSORPTION RATIO	08/18/67-10/22/70	3	9	
YELL0192	Yes	00931	SODIUM ADSORPTION RATIO	08/19/69-08/19/69	0	1	
YELL0205	Yes	00931	SODIUM ADSORPTION RATIO	08/22/67-08/22/67	0	1	
YELL0213	Yes	00931	SODIUM ADSORPTION RATIO	06/11/68-06/11/68	0	1	
YELL0214	Yes	00931	SODIUM ADSORPTION RATIO	09/16/68-10/21/70	2	8	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0215	Yes	00931	SODIUM ADSORPTION RATIO	09/13/68-09/13/68	0	1	
YELL0216	Yes	00931	SODIUM ADSORPTION RATIO	09/19/76-07/24/81	4	5	
YELL0217	Yes	00931	SODIUM ADSORPTION RATIO	09/19/76-07/24/81	4	5	
YELL0226	No	00931	SODIUM ADSORPTION RATIO	09/07/77-09/07/77	0	1	
YELL0255	Yes	00931	SODIUM ADSORPTION RATIO	09/19/67-09/19/67	0	1	
YELL0256	Yes	00931	SODIUM ADSORPTION RATIO	07/23/69-07/23/69	0	1	
YELL0257	Yes	00931	SODIUM ADSORPTION RATIO	07/23/69-07/23/69	0	1	
YELL0258	Yes	00931	SODIUM ADSORPTION RATIO	06/23/69-06/23/69	0	1	
YELL0259	Yes	00931	SODIUM ADSORPTION RATIO	09/19/67-09/19/67	0	1	
YELL0266	Yes	00931	SODIUM ADSORPTION RATIO	08/22/67-10/19/70	3	9	
YELL0273	Yes	00931	SODIUM ADSORPTION RATIO	07/23/69-07/23/69	0	1	
YELL0274	Yes	00931	SODIUM ADSORPTION RATIO	08/22/67-08/27/69	2	3	
YELL0278	Yes	00931	SODIUM ADSORPTION RATIO	07/29/68-07/29/68	0	1	
YELL0279	Yes	00931	SODIUM ADSORPTION RATIO	07/29/68-07/29/68	0	1	
YELL0280	Yes	00931	SODIUM ADSORPTION RATIO	07/23/69-07/23/69	0	1	
YELL0287	Yes	00931	SODIUM ADSORPTION RATIO	07/22/69-07/22/69	0	1	
YELL0299	Yes	00931	SODIUM ADSORPTION RATIO	07/24/69-07/24/69	0	1	
YELL0306	Yes	00931	SODIUM ADSORPTION RATIO	07/17/69-07/17/69	0	1	
YELL0313	Yes	00931	SODIUM ADSORPTION RATIO	06/24/69-06/24/69	0	1	
YELL0314	Yes	00931	SODIUM ADSORPTION RATIO	09/18/70-09/18/70	0	1	
YELL0320	Yes	00931	SODIUM ADSORPTION RATIO	08/14/68-08/14/68	0	1	
YELL0321	Yes	00931	SODIUM ADSORPTION RATIO	06/08/68-10/21/70	2	7	
YELL0322	Yes	00931	SODIUM ADSORPTION RATIO	08/14/68-08/14/68	0	1	
YELL0329	Yes	00931	SODIUM ADSORPTION RATIO	07/17/69-07/17/69	0	1	
YELL0330	Yes	00931	SODIUM ADSORPTION RATIO	08/21/69-08/21/69	0	1	
YELL0331	Yes	00931	SODIUM ADSORPTION RATIO	05/21/68-05/21/68	0	1	
YELL0338	Yes	00931	SODIUM ADSORPTION RATIO	08/21/69-08/21/69	0	1	
YELL0342	Yes	00931	SODIUM ADSORPTION RATIO	05/20/69-10/20/70	1	7	
YELL0344	Yes	00931	SODIUM ADSORPTION RATIO	08/21/69-08/21/69	0	1	
YELL0346	Yes	00931	SODIUM ADSORPTION RATIO	05/22/69-10/21/70	1	7	
YELL0347	Yes	00931	SODIUM ADSORPTION RATIO	05/12/70-10/20/70	0	3	
YELL0348	Yes	00931	SODIUM ADSORPTION RATIO	06/17/67-08/13/68	1	4	
YELL0349	Yes	00931	SODIUM ADSORPTION RATIO	08/13/68-08/13/68	0	1	
YELL0350	Yes	00931	SODIUM ADSORPTION RATIO	08/13/68-04/13/70	1	2	
YELL0359	Yes	00931	SODIUM ADSORPTION RATIO	05/26/67-10/21/70	3	17	
YELL0360	Yes	00931	SODIUM ADSORPTION RATIO	05/17/68-10/21/70	2	11	
YELL0361	Yes	00931	SODIUM ADSORPTION RATIO	05/20/69-10/20/70	1	7	
YELL0372	Yes	00931	SODIUM ADSORPTION RATIO	06/23/70-06/23/70	0	1	
YELL0374	Yes	00931	SODIUM ADSORPTION RATIO	06/23/70-06/23/70	0	1	
YELL0376	Yes	00931	SODIUM ADSORPTION RATIO	08/13/68-08/13/68	0	1	
YELL0377	Yes	00931	SODIUM ADSORPTION RATIO	08/22/69-08/22/69	0	1	
YELL0378	Yes	00931	SODIUM ADSORPTION RATIO	08/22/69-08/22/69	0	1	
YELL0379	Yes	00931	SODIUM ADSORPTION RATIO	06/23/70-06/23/70	0	1	
YELL0380	Yes	00931	SODIUM ADSORPTION RATIO	08/13/68-10/20/70	2	8	
YELL0387	Yes	00931	SODIUM ADSORPTION RATIO	05/23/68-05/23/68	0	1	
YELL0400	Yes	00931	SODIUM ADSORPTION RATIO	05/11/67-05/11/67	0	1	
YELL0410	Yes	00931	SODIUM ADSORPTION RATIO	09/20/68-09/20/68	0	1	
YELL0418	No	00931	SODIUM ADSORPTION RATIO	08/26/71-08/26/71	0	1	
YELL0431	No	00931	SODIUM ADSORPTION RATIO	08/24/71-08/24/71	0	1	
YELL0432	No	00931	SODIUM ADSORPTION RATIO	08/24/71-08/24/71	0	1	
YELL0433	No	00931	SODIUM ADSORPTION RATIO	08/10/71-08/10/71	0	1	
YELL0436	Yes	00931	SODIUM ADSORPTION RATIO	08/24/71-08/24/71	0	1	
YELL0439	No	00931	SODIUM ADSORPTION RATIO	08/10/71-08/10/71	0	1	
YELL0441	No	00931	SODIUM ADSORPTION RATIO	08/10/71-08/10/71	0	1	
YELL0018	Yes	00932	SODIUM, PERCENT	10/17/70-10/17/70	0	1	
YELL0019	Yes	00932	SODIUM, PERCENT	09/17/70-09/17/70	0	1	
YELL0020	Yes	00932	SODIUM, PERCENT	06/24/70-06/24/70	0	1	
YELL0021	Yes	00932	SODIUM, PERCENT	08/22/69-08/22/69	0	1	
YELL0022	Yes	00932	SODIUM, PERCENT	09/17/70-09/17/70	0	1	
YELL0033	No	00932	SODIUM, PERCENT	08/30/72-08/30/72	0	1	
YELL0055	Yes	00932	SODIUM, PERCENT	08/18/69-08/18/69	0	1	
YELL0064	Yes	00932	SODIUM, PERCENT	08/18/69-08/18/69	0	1	
YELL0069	Yes	00932	SODIUM, PERCENT	05/22/69-10/22/70	1	7	
YELL0079	Yes	00932	SODIUM, PERCENT	10/11/69-10/11/69	0	1	
YELL0092	Yes	00932	SODIUM, PERCENT	10/11/69-10/11/69	0	1	
YELL0094	Yes	00932	SODIUM, PERCENT	10/10/69-10/10/69	0	1	
YELL0095	Yes	00932	SODIUM, PERCENT	09/09/70-09/09/70	0	1	
YELL0096	Yes	00932	SODIUM, PERCENT	09/09/70-09/09/70	0	1	
YELL0097	Yes	00932	SODIUM, PERCENT	09/22/71-09/22/71	0	1	
YELL0111	Yes	00932	SODIUM, PERCENT	09/10/70-09/10/70	0	1	
YELL0122	Yes	00932	SODIUM, PERCENT	10/15/71-10/15/71	0	1	
YELL0130	Yes	00932	SODIUM, PERCENT	10/28/74-10/28/74	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0131	Yes	00932	SODIUM, PERCENT	09/10/70-09/10/70	0	1	
YELL0136	Yes	00932	SODIUM, PERCENT	06/11/68-06/11/68	0	1	
YELL0137	Yes	00932	SODIUM, PERCENT	06/22/67-10/22/70	3	15	
YELL0138	Yes	00932	SODIUM, PERCENT	05/22/69-10/22/70	1	5	
YELL0141	Yes	00932	SODIUM, PERCENT	10/21/75-07/28/81	5	6	
YELL0142	Yes	00932	SODIUM, PERCENT	10/21/75-07/28/81	5	6	
YELL0143	Yes	00932	SODIUM, PERCENT	05/21/69-09/19/76	7	7	
YELL0148	Yes	00932	SODIUM, PERCENT	05/22/69-10/22/70	1	7	
YELL0154	Yes	00932	SODIUM, PERCENT	08/16/68-10/19/70	2	9	
YELL0155	Yes	00932	SODIUM, PERCENT	09/22/71-09/22/71	0	1	
YELL0159	Yes	00932	SODIUM, PERCENT	05/19/69-10/19/70	1	6	
YELL0160	Yes	00932	SODIUM, PERCENT	09/22/71-09/22/71	0	1	
YELL0165	Yes	00932	SODIUM, PERCENT	05/22/69-10/22/70	1	7	
YELL0166	Yes	00932	SODIUM, PERCENT	06/22/70-06/22/70	0	1	
YELL0173	Yes	00932	SODIUM, PERCENT	10/15/68-10/15/68	0	1	
YELL0178	Yes	00932	SODIUM, PERCENT	10/13/69-10/13/69	0	1	
YELL0179	Yes	00932	SODIUM, PERCENT	08/22/79-08/22/79	0	1	
YELL0181	Yes	00932	SODIUM, PERCENT	10/13/69-10/13/69	0	1	
YELL0183	Yes	00932	SODIUM, PERCENT	10/19/70-09/18/76	5	2	
YELL0184	Yes	00932	SODIUM, PERCENT	08/17/78-07/22/81	2	3	
YELL0185	Yes	00932	SODIUM, PERCENT	08/19/69-08/19/69	0	1	
YELL0186	Yes	00932	SODIUM, PERCENT	08/19/69-08/19/69	0	1	
YELL0187	Yes	00932	SODIUM, PERCENT	09/18/76-07/22/81	4	5	
YELL0190	Yes	00932	SODIUM, PERCENT	08/18/67-10/22/70	3	9	
YELL0192	Yes	00932	SODIUM, PERCENT	08/19/69-08/19/69	0	1	
YELL0205	Yes	00932	SODIUM, PERCENT	08/22/67-08/22/67	0	1	
YELL0213	Yes	00932	SODIUM, PERCENT	06/11/68-06/11/68	0	1	
YELL0214	Yes	00932	SODIUM, PERCENT	09/16/68-10/21/70	2	8	
YELL0215	Yes	00932	SODIUM, PERCENT	09/13/68-09/13/68	0	1	
YELL0216	Yes	00932	SODIUM, PERCENT	09/19/76-07/24/81	4	5	
YELL0217	Yes	00932	SODIUM, PERCENT	09/19/76-07/24/81	4	5	
YELL0226	No	00932	SODIUM, PERCENT	09/07/77-09/07/77	0	1	
YELL0255	Yes	00932	SODIUM, PERCENT	09/19/67-09/19/67	0	1	
YELL0256	Yes	00932	SODIUM, PERCENT	07/23/69-07/23/69	0	1	
YELL0257	Yes	00932	SODIUM, PERCENT	07/23/69-07/23/69	0	1	
YELL0258	Yes	00932	SODIUM, PERCENT	06/23/69-06/23/69	0	1	
YELL0259	Yes	00932	SODIUM, PERCENT	09/19/67-09/19/67	0	1	
YELL0266	Yes	00932	SODIUM, PERCENT	08/22/67-10/19/70	3	9	
YELL0273	Yes	00932	SODIUM, PERCENT	07/23/69-07/23/69	0	1	
YELL0274	Yes	00932	SODIUM, PERCENT	08/22/67-08/27/69	2	3	
YELL0278	Yes	00932	SODIUM, PERCENT	07/29/68-07/29/68	0	1	
YELL0279	Yes	00932	SODIUM, PERCENT	07/29/68-07/29/68	0	1	
YELL0280	Yes	00932	SODIUM, PERCENT	07/23/69-07/23/69	0	1	
YELL0287	Yes	00932	SODIUM, PERCENT	07/22/69-07/22/69	0	1	
YELL0299	Yes	00932	SODIUM, PERCENT	07/24/69-07/24/69	0	1	
YELL0306	Yes	00932	SODIUM, PERCENT	07/17/69-07/17/69	0	1	
YELL0313	Yes	00932	SODIUM, PERCENT	06/24/69-06/24/69	0	1	
YELL0314	Yes	00932	SODIUM, PERCENT	09/18/70-09/18/70	0	1	
YELL0320	Yes	00932	SODIUM, PERCENT	08/14/68-08/14/68	0	1	
YELL0321	Yes	00932	SODIUM, PERCENT	06/08/68-10/21/70	2	7	
YELL0322	Yes	00932	SODIUM, PERCENT	08/14/68-08/14/68	0	1	
YELL0329	Yes	00932	SODIUM, PERCENT	07/17/69-07/17/69	0	1	
YELL0330	Yes	00932	SODIUM, PERCENT	08/21/69-08/21/69	0	1	
YELL0331	Yes	00932	SODIUM, PERCENT	05/21/68-05/21/68	0	1	
YELL0338	Yes	00932	SODIUM, PERCENT	08/21/69-08/21/69	0	1	
YELL0342	Yes	00932	SODIUM, PERCENT	05/20/69-10/20/70	1	7	
YELL0344	Yes	00932	SODIUM, PERCENT	08/21/69-08/21/69	0	1	
YELL0346	Yes	00932	SODIUM, PERCENT	05/22/69-10/21/70	1	7	
YELL0347	Yes	00932	SODIUM, PERCENT	05/12/70-10/20/70	0	3	
YELL0348	Yes	00932	SODIUM, PERCENT	06/17/67-08/13/68	1	4	
YELL0349	Yes	00932	SODIUM, PERCENT	09/20/67-08/13/68	0	2	
YELL0350	Yes	00932	SODIUM, PERCENT	08/13/68-04/13/70	1	2	
YELL0359	Yes	00932	SODIUM, PERCENT	05/26/67-10/21/70	3	17	
YELL0360	Yes	00932	SODIUM, PERCENT	05/17/68-10/21/70	2	11	
YELL0361	Yes	00932	SODIUM, PERCENT	05/20/69-10/20/70	1	7	
YELL0372	Yes	00932	SODIUM, PERCENT	06/23/70-06/23/70	0	1	
YELL0374	Yes	00932	SODIUM, PERCENT	06/23/70-06/23/70	0	1	
YELL0376	Yes	00932	SODIUM, PERCENT	08/13/68-08/13/68	0	1	
YELL0377	Yes	00932	SODIUM, PERCENT	08/22/69-08/22/69	0	1	
YELL0378	Yes	00932	SODIUM, PERCENT	08/22/69-08/22/69	0	1	
YELL0379	Yes	00932	SODIUM, PERCENT	06/23/70-06/23/70	0	1	
YELL0380	Yes	00932	SODIUM, PERCENT	08/13/68-10/20/70	2	8	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0387	Yes	00932	SODIUM, PERCENT	05/23/68-05/23/68	0	1	
YELL0400	Yes	00932	SODIUM, PERCENT	05/11/67-05/11/67	0	1	
YELL0410	Yes	00932	SODIUM, PERCENT	09/20/68-09/20/68	0	1	
YELL0141	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/29/79-08/29/79	0	1	
YELL0142	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/29/79-08/29/79	0	1	
YELL0179	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/22/79-08/22/79	0	1	
YELL0187	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/22/79-08/22/79	0	1	
YELL0216	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/24/79-08/24/79	0	1	
YELL0217	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/24/79-08/24/79	0	1	
YELL0003	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/85-09/23/85	0	1	
YELL0004	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/23/91-07/23/91	0	2	
YELL0005	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/23/91-07/23/91	0	1	
YELL0017	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/88-10/04/88	0	1	
YELL0018	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/70-10/17/70	0	1	
YELL0019	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/17/70-09/17/70	0	1	
YELL0020	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/24/70-06/24/70	0	1	
YELL0021	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/69-08/22/69	0	1	
YELL0022	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/17/70-09/17/70	0	1	
YELL0033	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/72-08/30/72	0	1	
YELL0055	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/69-08/18/69	0	1	
YELL0064	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/69-08/18/69	0	1	
YELL0069	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/22/69-10/22/70	1	7	
YELL0073	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/88-10/03/88	0	1	
YELL0079	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/11/69-10/11/69	0	1	
YELL0092	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/11/69-10/11/69	0	1	
YELL0094	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/69-10/10/69	0	1	
YELL0095	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/09/70-09/09/70	0	1	
YELL0096	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/09/70-09/09/70	0	1	
YELL0097	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/22/71-09/22/71	0	1	
YELL0111	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/70-09/10/70	0	1	
YELL0122	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/71-10/15/71	0	1	
YELL0127	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/85-09/24/85	0	1	
YELL0130	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/28/74-10/28/74	0	1	
YELL0131	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/70-09/10/70	0	1	
YELL0136	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/11/68-06/11/68	0	1	
YELL0137	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/22/67-10/22/70	3	15	
YELL0138	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/22/69-10/22/70	1	5	
YELL0141	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/75-07/28/81	5	6	
YELL0142	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/75-07/28/81	5	6	
YELL0143	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/21/69-09/19/76	7	7	
YELL0148	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/22/69-10/22/70	1	7	
YELL0154	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/16/68-10/19/70	2	9	
YELL0155	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/22/71-09/22/71	0	1	
YELL0159	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/19/69-10/19/70	1	6	
YELL0160	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/22/71-09/22/71	0	1	
YELL0165	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/22/69-10/22/70	1	7	
YELL0166	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/22/70-06/22/70	0	1	
YELL0167	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/16/64-06/16/64	0	1	
YELL0172	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/85-09/23/85	0	1	
YELL0173	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/68-10/15/68	0	1	
YELL0178	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/13/69-10/13/69	0	1	
YELL0179	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/79-08/22/79	0	1	
YELL0181	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/13/69-10/13/69	0	1	
YELL0183	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/70-09/18/76	5	2	
YELL0184	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/78-07/22/81	2	3	
YELL0185	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/69-08/19/69	0	1	
YELL0186	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/69-08/19/69	0	1	
YELL0187	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/76-07/22/81	4	5	
YELL0190	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/67-10/22/70	3	9	
YELL0192	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/69-08/19/69	0	1	
YELL0204	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/06/88-11/03/88	0	2	
YELL0205	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/67-08/22/67	0	1	
YELL0213	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/11/68-06/11/68	0	1	
YELL0214	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/16/68-10/21/70	2	8	
YELL0215	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/13/68-09/13/68	0	1	
YELL0216	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/76-07/24/81	4	5	
YELL0217	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/76-07/24/81	4	5	
YELL0218	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/06/88-08/11/89	0	3	
YELL0224	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/14/89-08/25/90	1	8	
YELL0226	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/07/77-09/07/77	0	1	
YELL0240	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/85-09/24/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0255	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/67-09/19/67	0	1	
YELL0256	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/23/69-07/23/69	0	1	
YELL0257	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/23/69-07/23/69	0	1	
YELL0258	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/23/69-06/23/69	0	1	
YELL0259	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/67-09/19/67	0	1	
YELL0266	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/67-10/19/70	3	9	
YELL0273	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/23/69-07/23/69	0	1	
YELL0274	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/67-08/27/69	2	3	
YELL0276	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/85-09/24/85	0	1	
YELL0278	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/29/68-07/29/68	0	1	
YELL0279	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/29/68-07/29/68	0	1	
YELL0280	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/23/69-07/23/69	0	1	
YELL0287	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/22/69-07/22/69	0	1	
YELL0298	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/85-09/25/85	0	1	
YELL0299	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/69-07/24/69	0	1	
YELL0306	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/17/69-07/17/69	0	1	
YELL0312	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/02/88-11/02/88	0	1	
YELL0313	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/24/69-06/24/69	0	1	
YELL0314	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/70-09/18/70	0	1	
YELL0320	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/68-08/14/68	0	1	
YELL0321	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/68-10/21/70	2	7	
YELL0322	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/68-08/14/68	0	1	
YELL0329	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/17/69-07/17/69	0	1	
YELL0330	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/69-08/21/69	0	1	
YELL0331	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/21/68-05/21/68	0	1	
YELL0338	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/69-08/21/69	0	1	
YELL0342	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/20/69-10/20/70	1	7	
YELL0344	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/69-08/21/69	0	1	
YELL0346	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/22/69-10/21/70	1	7	
YELL0347	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/70-11/02/88	18	5	
YELL0348	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/17/67-08/13/68	1	4	
YELL0349	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/67-08/13/68	0	2	
YELL0350	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/68-04/13/70	1	2	
YELL0359	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/26/67-10/21/70	3	17	
YELL0360	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/17/68-10/21/70	2	11	
YELL0361	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/20/69-10/20/70	1	7	
YELL0362	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/88-11/01/88	0	1	
YELL0372	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/23/70-06/23/70	0	1	
YELL0374	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/23/70-06/23/70	0	1	
YELL0376	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/68-08/13/68	0	1	
YELL0377	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/69-08/22/69	0	1	
YELL0378	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/69-08/22/69	0	1	
YELL0379	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/23/70-06/23/70	0	1	
YELL0380	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/68-10/20/70	2	8	
YELL0381	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/85-09/23/85	0	1	
YELL0386	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/88-06/26/91	2	6	
YELL0387	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/68-05/23/68	0	1	
YELL0388	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/06/88-06/26/91	2	6	
YELL0389	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/15/90-06/26/91	0	2	
YELL0390	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/06/89-06/26/91	2	5	
YELL0400	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/67-06/26/91	24	7	
YELL0401	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/88-06/26/91	2	7	
YELL0410	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/68-09/20/68	0	1	
YELL0418	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/71-08/26/71	0	1	
YELL0419	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/18/78-07/18/78	0	2	
YELL0431	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/24/71-08/24/71	0	1	
YELL0432	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/24/71-08/24/71	0	1	
YELL0433	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/10/71-08/10/71	0	1	
YELL0436	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/24/71-08/24/71	0	1	
YELL0439	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/10/71-08/10/71	0	1	
YELL0441	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/10/71-08/10/71	0	1	
YELL0442	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/91-08/22/91	0	1	
YELL0444	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/17/85-09/17/85	0	1	
YELL0008	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/12/76-08/12/76	0	1	
YELL0029	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/13/78-10/10/85	7	35	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0071	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	09/08/78-09/08/78	0	1	
YELL0101	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/19/76-09/13/84	8	37	T,S
YELL0110	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/27/74-08/07/84	10	5	
YELL0121	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/04/83-08/04/83	0	1	
YELL0133	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	05/24/78-09/27/84	6	22	
YELL0146	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/15/78-08/07/85	6	4	
YELL0156	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	10/16/79-07/18/81	1	2	
YELL0189	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/26/77-08/26/77	0	1	
YELL0207	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	10/12/79-10/12/79	0	1	
YELL0219	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/13/74-07/31/80	5	3	
YELL0263	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	09/07/83-09/07/83	0	1	
YELL0267	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	09/05/74-09/05/74	0	1	
YELL0289	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	09/01/79-09/01/79	0	1	
YELL0325	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	09/15/74-09/15/74	0	1	
YELL0352	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/24/75-07/24/75	0	1	
YELL0365	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/30/79-08/30/79	0	1	
YELL0398	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/17/75-07/17/75	0	1	
YELL0402	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/23/74-07/23/74	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0413	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	09/20/74-09/20/74	0	1	
YELL0427	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	09/01/79-09/01/79	0	1	
YELL0001	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/08/74-08/08/74	0	1	
YELL0004	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/91-07/23/91	0	2	
YELL0005	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/91-07/23/91	0	1	
YELL0008	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/76-08/31/76	0	1	
YELL0009	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/76-08/12/76	0	1	
YELL0017	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/88-10/04/88	0	1	
YELL0018	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/17/70-10/17/70	0	1	
YELL0019	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/17/70-09/17/70	0	1	
YELL0020	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/24/70-06/24/70	0	1	
YELL0021	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/69-08/22/69	0	1	
YELL0022	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/17/70-09/17/70	0	1	
YELL0029	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/76-08/20/76	0	1	
YELL0030	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-08/11/76	0	1	
YELL0033	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/30/72-08/30/72	0	1	
YELL0038	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/76-08/26/76	0	1	
YELL0043	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/20/84-07/17/86	1	14	
YELL0044	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/10/87-12/07/90	3	14	
YELL0046	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/76-08/26/76	0	1	
YELL0052	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/76-08/17/76	0	1	
YELL0054	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/02/76-09/02/76	0	1	
YELL0055	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/69-08/18/69	0	1	
YELL0064	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/69-08/18/69	0	1	
YELL0065	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/13/78-10/10/85	7	35	
YELL0069	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/22/69-10/22/70	1	7	
YELL0071	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/08/78-09/08/78	0	1	
YELL0073	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/88-10/03/88	0	1	
YELL0076	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/88-10/03/88	0	1	
YELL0078	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/85-05/17/85	0	1	
YELL0079	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/69-10/11/69	0	1	
YELL0092	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/69-10/11/69	0	1	
YELL0094	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/10/69-10/10/69	0	1	
YELL0095	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/09/70-09/09/70	0	1	
YELL0096	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/09/70-09/09/70	0	1	
YELL0097	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/22/71-09/22/71	0	1	
YELL0101	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/19/76-09/30/85	9	9	
YELL0103	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/78-09/11/84	6	19	
YELL0108	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-09/27/84	7	23	
YELL0109	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/76-08/24/76	0	1	
YELL0111	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/70-09/10/70	0	1	
YELL0112	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/29/76-07/29/76	0	1	
YELL0115	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/79-08/29/79	0	2	
YELL0116	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/19/76-10/07/76	0	2	
YELL0120	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/74-08/07/84	10	6	
YELL0121	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/06/79-08/23/82	2	8	
YELL0122	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/15/71-10/15/71	0	1	
YELL0126	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/15/79-08/15/79	0	1	
YELL0129	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/83-08/04/83	0	1	
YELL0130	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/28/74-10/28/74	0	1	
YELL0131	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/70-09/10/70	0	1	
YELL0133	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/30/77-08/30/77	0	1	
YELL0134	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/80-08/22/80	0	1	
YELL0135	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/78-09/27/84	6	21	
YELL0136	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/68-06/11/68	0	1	
YELL0137	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/22/67-10/22/70	3	15	
YELL0138	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/22/69-10/22/70	1	5	
YELL0141	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/75-08/22/85	9	12	
YELL0142	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/75-08/22/85	9	12	
YELL0143	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/21/69-09/19/76	7	7	
YELL0146	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/15/78-08/07/85	6	4	
YELL0148	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/22/69-10/22/70	1	7	
YELL0154	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/16/68-10/19/70	2	9	
YELL0155	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/22/71-09/22/71	0	1	
YELL0156	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/78-09/27/84	6	22	
YELL0157	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/79-08/12/79	0	1	
YELL0158	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/79-08/12/79	0	1	
YELL0159	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/69-10/19/70	1	6	
YELL0160	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/22/71-09/22/71	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0165	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/22/69-10/22/70	1	7	
YELL0166	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/22/70-06/22/70	0	1	
YELL0167	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/16/64-06/16/64	0	1	
YELL0168	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/77-09/01/77	0	1	
YELL0169	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/12/79-10/12/79	0	1	
YELL0173	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/15/68-10/15/68	0	1	
YELL0174	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/79-08/07/79	0	1	
YELL0177	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/16/79-07/18/81	1	2	
YELL0178	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/13/69-10/13/69	0	1	
YELL0179	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/79-08/22/79	0	1	
YELL0181	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/13/69-10/13/69	0	1	
YELL0183	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/70-10/09/84	13	7	
YELL0184	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/78-08/12/85	6	9	
YELL0185	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/69-08/19/69	0	1	
YELL0186	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/69-08/19/69	0	1	
YELL0187	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/76-08/12/85	8	11	
YELL0188	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/13/82-08/12/85	3	6	
YELL0189	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/76-06/30/76	0	1	
YELL0190	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/67-10/22/70	3	9	
YELL0192	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/69-08/19/69	0	1	
YELL0194	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/77-08/26/77	0	1	
YELL0204	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/28/84-09/12/89	5	13	
YELL0205	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/67-08/22/67	0	1	
YELL0207	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/75-08/18/75	0	1	
YELL0209	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/12/79-10/12/79	0	1	
YELL0213	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/68-06/11/68	0	1	
YELL0214	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/68-10/21/70	2	8	
YELL0215	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/13/68-09/13/68	0	1	
YELL0216	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/76-08/29/85	8	10	
YELL0217	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/76-08/29/85	8	10	
YELL0218	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/28/84-09/12/89	5	14	
YELL0219	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/75-08/18/75	0	1	
YELL0220	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/78-08/23/78	0	1	
YELL0221	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/78-08/23/78	0	1	
YELL0223	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/78-08/23/78	0	1	
YELL0224	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/06/84-11/16/92	8	24	
YELL0226	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/77-09/07/77	0	1	
YELL0227	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/15/75-08/15/75	0	1	
YELL0228	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/16/75-08/16/75	0	1	
YELL0229	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/78-08/23/78	0	2	
YELL0230	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/78-08/23/78	0	1	
YELL0234	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/75-08/12/75	0	1	
YELL0235	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/28/79-08/28/79	0	1	
YELL0242	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/77-08/24/77	0	1	
YELL0245	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/74-07/31/80	5	3	
YELL0255	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/67-09/19/67	0	1	
YELL0256	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/69-07/23/69	0	1	
YELL0257	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/69-07/23/69	0	1	
YELL0258	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/69-06/23/69	0	1	
YELL0259	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/67-09/19/67	0	1	
YELL0260	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/21/73-09/07/88	15	10	
YELL0263	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/75-08/22/75	0	1	
YELL0264	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/83-09/07/83	0	1	
YELL0266	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/67-10/19/70	3	9	
YELL0267	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/75-08/11/75	0	1	
YELL0270	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/78-08/17/78	0	1	
YELL0271	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/16/79-10/16/79	0	1	
YELL0272	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/74-09/05/74	0	1	
YELL0273	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/69-07/23/69	0	1	
YELL0274	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/67-08/27/69	2	3	
YELL0278	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/29/68-07/29/68	0	1	
YELL0279	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/29/68-07/29/68	0	1	
YELL0280	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/69-07/23/69	0	1	
YELL0281	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/21/73-05/25/76	3	3	
YELL0286	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/21/73-05/25/76	3	3	
YELL0287	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/22/69-07/22/69	0	1	
YELL0289	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/13/74-09/13/74	0	1	
YELL0290	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/76-07/27/76	0	1	
YELL0291	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/26/79-10/26/79	0	1	
YELL0296	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/28/78-08/29/78	0	2	
YELL0297	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/30/78-08/30/78	0	1	
YELL0299	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/69-07/24/69	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0301	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/80-08/14/80	0	1	
YELL0305	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/79-09/01/79	0	1	
YELL0306	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/69-07/17/69	0	1	
YELL0310	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/77-08/17/77	0	1	
YELL0312	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/02/88-11/02/88	0	1	
YELL0313	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/24/69-06/24/69	0	1	
YELL0314	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/70-09/18/70	0	1	
YELL0320	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/68-08/14/68	0	1	
YELL0321	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/08/68-10/21/70	2	7	
YELL0322	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/68-08/14/68	0	1	
YELL0325	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/74-07/12/74	0	1	
YELL0329	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/69-07/17/69	0	1	
YELL0330	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/69-08/21/69	0	1	
YELL0331	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/21/68-05/21/68	0	1	
YELL0337	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/75-08/06/75	0	1	
YELL0338	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/69-08/21/69	0	1	
YELL0341	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/15/74-09/15/74	0	1	
YELL0342	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/69-10/20/70	1	7	
YELL0343	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/16/76-03/16/76	0	1	
YELL0344	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/69-08/21/69	0	1	
YELL0345	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/84-10/03/84	0	5	
YELL0346	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/22/69-10/21/70	1	7	
YELL0347	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/12/70-11/02/88	18	5	
YELL0348	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/17/67-08/13/68	1	4	
YELL0349	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/67-08/13/68	0	2	
YELL0350	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/68-04/13/70	1	2	
YELL0352	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/77-08/04/77	0	1	
YELL0353	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/77-08/03/77	0	1	
YELL0357	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/75-07/24/75	0	1	
YELL0359	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/67-10/21/70	3	17	
YELL0360	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/68-10/21/70	2	11	
YELL0361	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/69-10/20/70	1	7	
YELL0362	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/01/88-11/01/88	0	1	
YELL0365	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/25/74-07/25/74	0	1	
YELL0366	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/25/83-07/25/83	0	1	
YELL0367	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/76-08/03/76	0	1	
YELL0368	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/75-07/30/75	0	1	
YELL0372	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/70-06/23/70	0	1	
YELL0373	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/75-09/26/75	0	1	
YELL0374	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/70-06/23/70	0	1	
YELL0376	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/68-08/13/68	0	1	
YELL0377	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/69-08/22/69	0	1	
YELL0378	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/69-08/22/69	0	1	
YELL0379	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/70-06/23/70	0	1	
YELL0380	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/68-10/20/70	2	8	
YELL0382	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/76-08/04/76	0	1	
YELL0383	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/74-09/18/74	0	1	
YELL0384	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/30/79-08/30/79	0	1	
YELL0386	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/88-12/02/92	4	40	
YELL0387	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/23/68-05/23/68	0	1	
YELL0388	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/88-01/12/93	4	40	
YELL0389	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/13/90-09/09/92	2	17	
YELL0390	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/88-09/09/92	3	35	
YELL0398	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/75-07/17/75	0	1	
YELL0400	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/11/67-01/12/93	25	42	T,S
YELL0401	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/84-01/12/93	8	44	S
YELL0402	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/76-08/05/76	0	1	
YELL0403	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/10/75-07/10/75	0	1	
YELL0404	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/16/75-07/16/75	0	1	
YELL0409	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/86-07/23/86	0	3	
YELL0410	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/68-09/20/68	0	1	
YELL0412	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/74-07/23/74	0	1	
YELL0413	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/74-09/20/74	0	1	
YELL0416	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/86-07/23/86	0	1	
YELL0417	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/86-07/23/86	0	1	
YELL0418	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/71-08/26/71	0	1	
YELL0419	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/78-04/18/78	0	2	
YELL0427	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/79-09/01/79	0	1	
YELL0428	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/79-09/01/79	0	1	
YELL0429	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/79-09/01/79	0	1	
YELL0431	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/71-08/24/71	0	1	
YELL0432	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/71-08/24/71	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0433	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/71-08/10/71	0	1	
YELL0436	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/71-08/24/71	0	1	
YELL0439	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/71-08/10/71	0	1	
YELL0441	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/71-08/10/71	0	1	
YELL0442	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/91-08/22/91	0	1	
YELL0003	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/23/85-09/23/85	0	1	
YELL0127	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/24/85-09/24/85	0	1	
YELL0172	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/23/85-09/23/85	0	1	
YELL0240	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/24/85-09/24/85	0	1	
YELL0276	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/24/85-09/24/85	0	1	
YELL0298	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/25/85-09/25/85	0	1	
YELL0381	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/23/85-09/23/85	0	1	
YELL0444	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/17/85-09/17/85	0	1	
YELL0001	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/08/74-08/08/74	0	1	
YELL0008	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/76-08/12/76	0	1	
YELL0017	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/88-10/04/88	0	1	
YELL0018	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/70-10/17/70	0	1	
YELL0019	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/17/70-09/17/70	0	1	
YELL0020	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/70-06/24/70	0	1	
YELL0021	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/69-08/22/69	0	1	
YELL0022	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/17/70-09/17/70	0	1	
YELL0029	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-08/11/76	0	1	
YELL0033	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/30/72-08/30/72	0	1	
YELL0038	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/76-08/26/76	0	1	
YELL0044	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/24/90-12/07/90	0	2	
YELL0046	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/02/76-09/02/76	0	1	
YELL0055	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/69-08/18/69	0	1	
YELL0064	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/69-08/18/69	0	1	
YELL0065	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/13/78-10/10/85	7	35	
YELL0069	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/22/69-10/22/70	1	7	
YELL0071	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/08/78-09/08/78	0	1	
YELL0073	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/88-10/03/88	0	1	
YELL0079	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/69-10/11/69	0	1	
YELL0092	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/69-10/11/69	0	1	
YELL0094	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/10/69-10/10/69	0	1	
YELL0095	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/70-09/09/70	0	1	
YELL0096	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/70-09/09/70	0	1	
YELL0097	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/22/71-09/22/71	0	1	
YELL0101	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/76-08/24/76	0	1	
YELL0111	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/70-09/10/70	0	1	
YELL0112	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/06/79-08/23/82	2	8	
YELL0122	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/15/71-10/15/71	0	1	
YELL0126	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/83-08/04/83	0	1	
YELL0130	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/28/74-10/28/74	0	1	
YELL0131	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/70-09/10/70	0	1	
YELL0133	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/24/78-09/27/84	6	21	
YELL0136	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/11/68-06/11/68	0	1	
YELL0137	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/22/67-10/22/70	3	15	
YELL0138	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/22/69-10/22/70	1	5	
YELL0141	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/75-07/28/81	5	6	
YELL0142	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/75-07/28/81	5	6	
YELL0143	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/21/69-09/19/76	7	7	
YELL0146	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/15/78-08/07/85	6	4	
YELL0148	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/22/69-10/22/70	1	7	
YELL0154	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/16/68-10/19/70	2	9	
YELL0155	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/22/71-09/22/71	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0156	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/79-08/12/79	0	1	
YELL0159	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/19/69-10/19/70	1	6	
YELL0160	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/22/71-09/22/71	0	1	
YELL0165	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/22/69-10/22/70	1	7	
YELL0166	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/22/70-06/22/70	0	1	
YELL0167	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/16/64-06/16/64	0	1	
YELL0168	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/79-10/12/79	0	1	
YELL0173	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/15/68-10/15/68	0	1	
YELL0174	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/16/79-07/18/81	1	2	
YELL0178	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/69-10/13/69	0	1	
YELL0179	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/79-08/22/79	0	1	
YELL0181	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/69-10/13/69	0	1	
YELL0183	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/70-09/18/76	5	2	
YELL0184	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/78-07/22/81	2	3	
YELL0185	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/69-08/19/69	0	1	
YELL0186	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/69-08/19/69	0	1	
YELL0187	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/76-07/22/81	4	5	
YELL0189	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/30/76-06/30/76	0	1	
YELL0190	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/67-10/22/70	3	9	
YELL0192	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/69-08/19/69	0	1	
YELL0194	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/77-08/26/77	0	1	
YELL0204	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/06/88-11/03/88	0	2	
YELL0205	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/67-08/22/67	0	1	
YELL0207	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/79-10/12/79	0	1	
YELL0213	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/11/68-06/11/68	0	1	
YELL0214	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/16/68-10/21/70	2	8	
YELL0215	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/13/68-09/13/68	0	1	
YELL0216	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/76-07/24/81	4	5	
YELL0217	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/76-07/24/81	4	5	
YELL0218	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/06/88-08/11/89	0	3	
YELL0219	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/78-08/23/78	0	1	
YELL0224	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/14/89-08/25/90	1	8	
YELL0226	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/77-09/07/77	0	1	
YELL0227	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/13/74-07/31/80	5	3	
YELL0255	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/67-09/19/67	0	1	
YELL0256	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/69-07/23/69	0	1	
YELL0257	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/69-07/23/69	0	1	
YELL0258	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/69-06/23/69	0	1	
YELL0259	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/67-09/19/67	0	1	
YELL0260	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/21/73-05/25/76	3	3	
YELL0263	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/83-09/07/83	0	1	
YELL0266	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/67-10/19/70	3	9	
YELL0267	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/74-09/05/74	0	1	
YELL0273	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/69-07/23/69	0	1	
YELL0274	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/67-08/27/69	2	3	
YELL0278	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/29/68-07/29/68	0	1	
YELL0279	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/29/68-07/29/68	0	1	
YELL0280	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/69-07/23/69	0	1	
YELL0281	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/21/73-05/25/76	3	3	
YELL0286	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/21/73-05/25/76	3	3	
YELL0287	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/22/69-07/22/69	0	1	
YELL0289	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/76-07/27/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0291	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/30/78-08/30/78	0	1	
YELL0299	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/69-07/24/69	0	1	
YELL0301	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/79-09/01/79	0	1	
YELL0306	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/69-07/17/69	0	1	
YELL0310	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/77-08/17/77	0	1	
YELL0312	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/02/88-11/02/88	0	1	
YELL0313	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/69-06/24/69	0	1	
YELL0314	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/70-09/18/70	0	1	
YELL0320	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/14/68-08/14/68	0	1	
YELL0321	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/08/68-10/21/70	2	7	
YELL0322	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/14/68-08/14/68	0	1	
YELL0325	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/12/74-07/12/74	0	1	
YELL0329	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/69-07/17/69	0	1	
YELL0330	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/69-08/21/69	0	1	
YELL0331	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/21/68-05/21/68	0	1	
YELL0337	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/06/75-08/06/75	0	1	
YELL0338	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/69-08/21/69	0	1	
YELL0341	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/15/74-09/15/74	0	1	
YELL0342	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/69-10/20/70	1	7	
YELL0343	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/16/76-03/16/76	0	1	
YELL0344	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/69-08/21/69	0	1	
YELL0346	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/22/69-10/21/70	1	7	
YELL0347	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/70-11/02/88	18	5	
YELL0348	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/17/67-08/13/68	1	4	
YELL0349	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/67-08/13/68	0	2	
YELL0350	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/13/68-04/13/70	1	2	
YELL0352	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/75-07/24/75	0	1	
YELL0359	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/26/67-10/21/70	3	17	
YELL0360	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/17/68-10/21/70	2	11	
YELL0361	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/69-10/20/70	1	7	
YELL0362	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/01/88-11/01/88	0	1	
YELL0365	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/30/75-07/30/75	0	1	
YELL0372	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/70-06/23/70	0	1	
YELL0373	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/75-09/26/75	0	1	
YELL0374	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/70-06/23/70	0	1	
YELL0376	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/13/68-08/13/68	0	1	
YELL0377	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/69-08/22/69	0	1	
YELL0378	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/69-08/22/69	0	1	
YELL0379	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/70-06/23/70	0	1	
YELL0380	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/13/68-10/20/70	2	8	
YELL0382	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/30/79-08/30/79	0	1	
YELL0386	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/88-09/09/92	3	38	
YELL0387	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/68-05/23/68	0	1	
YELL0388	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/88-09/09/92	3	38	
YELL0389	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/13/90-09/09/92	2	17	
YELL0390	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/05/88-09/09/92	3	35	
YELL0398	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/75-07/17/75	0	1	
YELL0400	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/11/67-09/09/92	25	39	T
YELL0401	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/88-09/09/92	3	39	
YELL0402	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/16/75-07/16/75	0	1	
YELL0409	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/86-07/23/86	0	1	
YELL0410	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/68-09/20/68	0	1	
YELL0412	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/74-09/20/74	0	1	
YELL0416	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/13/82-07/23/86	3	2	
YELL0417	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/13/82-07/23/86	3	3	
YELL0418	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/71-08/26/71	0	1	
YELL0419	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/26/78-07/18/78	0	3	
YELL0427	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/79-09/01/79	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0429	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/79-09/01/79	0	1	
YELL0431	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/71-08/24/71	0	1	
YELL0432	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/71-08/24/71	0	1	
YELL0433	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/71-08/10/71	0	1	
YELL0436	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/71-08/24/71	0	1	
YELL0439	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/71-08/10/71	0	1	
YELL0441	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/71-08/10/71	0	1	
YELL0442	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/91-08/22/91	0	1	
YELL0004	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/23/91-07/23/91	0	2	
YELL0005	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/23/91-07/23/91	0	1	
YELL0001	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/08/74-08/08/74	0	1	
YELL0003	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/85-09/23/85	0	1	
YELL0004	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/23/91-07/23/91	0	2	
YELL0005	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/23/91-07/23/91	0	1	
YELL0017	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/88-10/04/88	0	1	
YELL0018	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/70-10/17/70	0	1	
YELL0019	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/17/70-09/17/70	0	1	
YELL0020	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/24/70-06/24/70	0	1	
YELL0021	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/69-08/22/69	0	1	
YELL0022	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/17/70-09/17/70	0	1	
YELL0033	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/30/72-08/30/72	0	1	
YELL0055	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/69-08/18/69	0	1	
YELL0064	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/69-08/18/69	0	1	
YELL0069	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/22/69-10/22/70	1	7	
YELL0073	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/88-10/03/88	0	1	
YELL0079	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/11/69-10/11/69	0	1	
YELL0092	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/11/69-10/11/69	0	1	
YELL0094	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/69-10/10/69	0	1	
YELL0095	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/09/70-09/09/70	0	1	
YELL0096	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/09/70-09/09/70	0	1	
YELL0097	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/22/71-09/22/71	0	1	
YELL0111	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/70-09/10/70	0	1	
YELL0122	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/15/71-10/15/71	0	1	
YELL0127	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/85-09/24/85	0	1	
YELL0130	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/28/74-10/28/74	0	1	
YELL0131	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/70-09/10/70	0	1	
YELL0136	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/11/68-06/11/68	0	1	
YELL0137	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/22/67-10/22/70	3	15	
YELL0138	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/22/69-10/22/70	1	5	
YELL0141	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/21/75-07/28/81	5	6	
YELL0142	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/21/75-07/28/81	5	6	
YELL0143	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/21/69-09/19/76	7	7	
YELL0148	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/22/69-10/22/70	1	7	
YELL0154	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/16/68-10/19/70	2	9	
YELL0155	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/22/71-09/22/71	0	1	
YELL0159	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/19/69-10/19/70	1	6	
YELL0160	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/22/71-09/22/71	0	1	
YELL0165	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/22/69-10/22/70	1	7	
YELL0166	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/22/70-06/22/70	0	1	
YELL0167	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/16/64-06/16/64	0	1	
YELL0172	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/85-09/23/85	0	1	
YELL0173	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/15/68-10/15/68	0	1	
YELL0178	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/13/69-10/13/69	0	1	
YELL0179	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/79-08/22/79	0	1	
YELL0181	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/13/69-10/13/69	0	1	
YELL0183	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/70-09/18/76	5	2	
YELL0184	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/17/78-07/22/81	2	3	
YELL0185	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/69-08/19/69	0	1	
YELL0186	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/69-08/19/69	0	1	
YELL0187	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/76-07/22/81	4	4	
YELL0190	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/67-10/22/70	3	9	
YELL0192	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/69-08/19/69	0	1	
YELL0205	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/67-08/22/67	0	1	
YELL0213	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/11/68-06/11/68	0	1	
YELL0214	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/16/68-10/21/70	2	8	
YELL0215	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/13/68-09/13/68	0	1	
YELL0216	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/76-07/24/81	4	5	
YELL0217	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/76-07/24/81	4	5	
YELL0218	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/06/88-08/11/89	0	3	
YELL0224	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/17/89-05/17/89	0	1	
YELL0226	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/07/77-09/07/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0240	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/85-09/24/85	0	1	
YELL0255	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/67-09/19/67	0	1	
YELL0256	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/23/69-07/23/69	0	1	
YELL0257	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/23/69-07/23/69	0	1	
YELL0258	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/23/69-06/23/69	0	1	
YELL0259	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/67-09/19/67	0	1	
YELL0260	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/30/75-05/25/76	0	2	
YELL0266	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/67-10/19/70	3	9	
YELL0273	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/23/69-07/23/69	0	1	
YELL0274	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/67-08/27/69	2	3	
YELL0276	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/85-09/24/85	0	1	
YELL0278	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/29/68-07/29/68	0	1	
YELL0279	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/29/68-07/29/68	0	1	
YELL0280	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/23/69-07/23/69	0	1	
YELL0281	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/30/75-05/25/76	0	2	
YELL0286	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/30/75-05/25/76	0	2	
YELL0287	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/22/69-07/22/69	0	1	
YELL0298	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/85-09/25/85	0	1	
YELL0299	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/69-07/24/69	0	1	
YELL0306	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/69-07/17/69	0	1	
YELL0312	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/02/88-11/02/88	0	1	
YELL0313	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/24/69-06/24/69	0	1	
YELL0314	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/70-09/18/70	0	1	
YELL0320	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/68-08/14/68	0	1	
YELL0321	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/08/68-10/21/70	2	7	
YELL0322	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/68-08/14/68	0	1	
YELL0329	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/69-07/17/69	0	1	
YELL0330	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/69-08/21/69	0	1	
YELL0331	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/21/68-05/21/68	0	1	
YELL0338	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/69-08/21/69	0	1	
YELL0342	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/20/69-10/20/70	1	7	
YELL0343	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/16/76-03/16/76	0	1	
YELL0344	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/69-08/21/69	0	1	
YELL0346	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/22/69-10/21/70	1	7	
YELL0347	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/70-11/02/88	18	5	
YELL0348	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/17/67-08/13/68	1	4	
YELL0349	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/67-08/13/68	0	2	
YELL0350	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/68-04/13/70	1	2	
YELL0359	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/26/67-10/21/70	3	17	
YELL0360	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/17/68-10/21/70	2	11	
YELL0361	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/20/69-10/20/70	1	7	
YELL0362	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/88-11/01/88	0	1	
YELL0372	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/23/70-06/23/70	0	1	
YELL0374	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/23/70-06/23/70	0	1	
YELL0376	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/68-08/13/68	0	1	
YELL0377	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/69-08/22/69	0	1	
YELL0378	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/69-08/22/69	0	1	
YELL0379	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/23/70-06/23/70	0	1	
YELL0380	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/68-10/20/70	2	8	
YELL0381	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/85-09/23/85	0	1	
YELL0386	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/05/88-06/26/91	2	9	
YELL0387	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/23/68-05/23/68	0	1	
YELL0388	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/06/88-06/26/91	2	9	
YELL0389	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/90-06/26/91	0	3	
YELL0390	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/06/89-06/26/91	2	8	
YELL0400	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/11/67-06/26/91	24	10	
YELL0401	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/88-06/26/91	2	10	
YELL0410	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/68-09/20/68	0	1	
YELL0418	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/71-08/26/71	0	1	
YELL0431	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/24/71-08/24/71	0	1	
YELL0432	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/24/71-08/24/71	0	1	
YELL0433	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/71-08/10/71	0	1	
YELL0436	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/24/71-08/24/71	0	1	
YELL0439	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/71-08/10/71	0	1	
YELL0441	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/71-08/10/71	0	1	
YELL0442	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/91-08/22/91	0	1	
YELL0444	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/17/85-09/17/85	0	1	
YELL0008	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/12/76-08/12/76	0	1	
YELL0029	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/11/76-08/11/76	0	1	
YELL0038	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/26/76-08/26/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0046	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/02/76-09/02/76	0	1	
YELL0065	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/13/78-10/10/85	7	35	
YELL0071	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/08/78-09/08/78	0	1	
YELL0101	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/24/76-08/24/76	0	1	
YELL0112	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/06/79-08/23/82	2	8	
YELL0126	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/15/79-08/15/79	0	1	
YELL0129	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/04/83-08/04/83	0	1	
YELL0133	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	05/24/78-09/27/84	6	21	
YELL0146	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/15/78-08/07/85	6	4	
YELL0156	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/12/79-08/12/79	0	1	
YELL0158	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/12/79-08/12/79	0	1	
YELL0168	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	10/12/79-10/12/79	0	1	
YELL0174	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	10/16/79-07/18/81	1	2	
YELL0189	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	06/30/76-06/30/76	0	1	
YELL0194	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/26/77-08/26/77	0	1	
YELL0207	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	10/12/79-10/12/79	0	1	
YELL0219	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/23/78-08/23/78	0	1	
YELL0227	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/28/79-08/28/79	0	1	
YELL0242	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/13/74-07/31/80	5	3	
YELL0263	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/83-09/07/83	0	1	
YELL0267	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/05/74-09/05/74	0	1	
YELL0289	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/30/78-08/30/78	0	1	
YELL0301	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/01/79-09/01/79	0	1	
YELL0310	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/17/77-08/17/77	0	1	
YELL0325	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/12/74-07/12/74	0	1	
YELL0337	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/75-08/06/75	0	1	
YELL0341	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/15/74-09/15/74	0	1	
YELL0352	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/24/75-07/24/75	0	1	
YELL0365	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/30/75-07/30/75	0	1	
YELL0373	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/26/75-09/26/75	0	1	
YELL0382	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/30/79-08/30/79	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0398	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/17/75-07/17/75	0	1	
YELL0402	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/16/75-07/16/75	0	1	
YELL0412	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/20/74-09/20/74	0	1	
YELL0427	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	09/01/79-09/01/79	0	1	
YELL0003	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/85-09/23/85	0	1	
YELL0004	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/23/91-07/23/91	0	2	
YELL0005	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/23/91-07/23/91	0	1	
YELL0008	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/76-08/31/76	0	1	
YELL0009	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/76-08/12/76	0	1	
YELL0017	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/88-10/04/88	0	1	
YELL0018	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/17/70-10/17/70	0	1	
YELL0019	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/17/70-09/17/70	0	1	
YELL0020	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/24/70-06/24/70	0	1	
YELL0021	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/69-08/22/69	0	1	
YELL0022	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/17/70-09/17/70	0	1	
YELL0029	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/20/76-08/20/76	0	1	
YELL0030	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-08/11/76	0	1	
YELL0033	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/72-08/30/72	0	1	
YELL0038	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/76-08/26/76	0	1	
YELL0046	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/76-08/26/76	0	1	
YELL0052	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/76-08/17/76	0	1	
YELL0054	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/02/76-09/02/76	0	1	
YELL0055	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/69-08/18/69	0	1	
YELL0064	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/69-08/18/69	0	1	
YELL0065	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/13/78-10/10/85	7	35	
YELL0069	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/22/69-10/22/70	1	7	
YELL0071	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/08/78-09/08/78	0	1	
YELL0073	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/03/88-10/03/88	0	1	
YELL0076	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/03/88-10/03/88	0	1	
YELL0079	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/11/69-10/11/69	0	1	
YELL0092	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/11/69-10/11/69	0	1	
YELL0094	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/69-10/10/69	0	1	
YELL0095	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/09/70-09/09/70	0	1	
YELL0096	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/09/70-09/09/70	0	1	
YELL0097	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/22/71-09/22/71	0	1	
YELL0101	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/76-09/30/85	9	9	
YELL0103	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/78-09/11/84	6	19	
YELL0108	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/26/77-09/27/84	7	23	
YELL0109	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/76-08/24/76	0	1	
YELL0111	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/70-09/10/70	0	1	
YELL0112	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/29/76-07/29/76	0	1	
YELL0115	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/29/79-08/29/79	0	2	
YELL0116	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/76-10/07/76	0	2	
YELL0120	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/74-08/07/84	10	6	
YELL0121	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/79-08/23/82	2	8	
YELL0122	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/15/71-10/15/71	0	1	
YELL0126	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/15/79-08/15/79	0	1	
YELL0127	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/85-09/24/85	0	1	
YELL0129	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/83-08/04/83	0	1	
YELL0130	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/28/74-10/28/74	0	1	
YELL0131	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/70-09/10/70	0	1	
YELL0133	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/77-08/30/77	0	1	
YELL0134	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/80-08/22/80	0	1	
YELL0135	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/24/78-09/27/84	6	22	
YELL0136	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/68-06/11/68	0	1	
YELL0137	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/22/67-10/22/70	3	15	
YELL0138	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/22/69-10/22/70	1	5	
YELL0141	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/75-07/28/81	5	6	
YELL0142	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/75-07/28/81	5	6	
YELL0143	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/21/69-09/19/76	7	7	
YELL0146	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/15/78-08/07/85	6	4	
YELL0148	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/22/69-10/22/70	1	7	
YELL0154	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/16/68-10/19/70	2	9	
YELL0155	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/22/71-09/22/71	0	1	
YELL0156	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/24/78-09/27/84	6	22	
YELL0157	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/79-08/12/79	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0158	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/79-08/12/79	0	1	
YELL0159	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/19/69-10/19/70	1	6	
YELL0160	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/22/71-09/22/71	0	1	
YELL0165	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/22/69-10/22/70	1	7	
YELL0166	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/22/70-06/22/70	0	1	
YELL0167	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/16/64-06/16/64	0	1	
YELL0168	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/01/77-09/01/77	0	1	
YELL0169	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/12/79-10/12/79	0	1	
YELL0172	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/85-09/23/85	0	1	
YELL0173	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/15/68-10/15/68	0	1	
YELL0174	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/07/79-08/07/79	0	1	
YELL0177	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/16/79-07/18/81	1	2	
YELL0178	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/13/69-10/13/69	0	1	
YELL0179	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/79-08/22/79	0	1	
YELL0181	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/13/69-10/13/69	0	1	
YELL0183	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/70-09/18/76	5	2	
YELL0184	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/78-07/22/81	2	3	
YELL0185	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/69-08/19/69	0	1	
YELL0186	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/69-08/19/69	0	1	
YELL0187	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/76-07/22/81	4	5	
YELL0189	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/30/76-06/30/76	0	1	
YELL0190	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/67-10/22/70	3	9	
YELL0192	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/69-08/19/69	0	1	
YELL0194	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/77-08/26/77	0	1	
YELL0204	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/06/88-11/03/88	0	2	
YELL0205	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/67-08/22/67	0	1	
YELL0207	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/75-08/18/75	0	1	
YELL0209	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/12/79-10/12/79	0	1	
YELL0213	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/68-06/11/68	0	1	
YELL0214	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/16/68-10/21/70	2	8	
YELL0215	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/13/68-09/13/68	0	1	
YELL0216	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/76-07/24/81	4	5	
YELL0217	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/76-07/24/81	4	5	
YELL0218	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/06/88-11/03/88	0	2	
YELL0219	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/75-08/18/75	0	1	
YELL0220	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/78-08/23/78	0	1	
YELL0221	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/78-08/23/78	0	1	
YELL0223	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/78-08/23/78	0	1	
YELL0224	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/90-08/25/90	0	2	
YELL0226	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/07/77-09/07/77	0	1	
YELL0227	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/15/75-08/15/75	0	1	
YELL0228	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/16/75-08/16/75	0	1	
YELL0229	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/78-08/23/78	0	2	
YELL0230	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/78-08/23/78	0	1	
YELL0234	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/75-08/12/75	0	1	
YELL0235	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/28/79-08/28/79	0	1	
YELL0240	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/85-09/24/85	0	1	
YELL0242	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/77-08/24/77	0	1	
YELL0245	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/74-07/31/80	5	3	
YELL0255	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/67-09/19/67	0	1	
YELL0256	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/23/69-07/23/69	0	1	
YELL0257	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/23/69-07/23/69	0	1	
YELL0258	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/23/69-06/23/69	0	1	
YELL0263	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/75-08/22/75	0	1	
YELL0264	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/07/83-09/07/83	0	1	
YELL0266	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/67-10/19/70	3	9	
YELL0267	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/11/75-08/11/75	0	1	
YELL0270	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/78-08/17/78	0	1	
YELL0271	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/16/79-10/16/79	0	1	
YELL0272	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/05/74-09/05/74	0	1	
YELL0273	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/23/69-07/23/69	0	1	
YELL0274	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/67-08/27/69	2	3	
YELL0276	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/85-09/24/85	0	1	
YELL0278	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/29/68-07/29/68	0	1	
YELL0279	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/29/68-07/29/68	0	1	
YELL0280	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/23/69-07/23/69	0	1	
YELL0287	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/22/69-07/22/69	0	1	
YELL0289	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/13/74-09/13/74	0	1	
YELL0290	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/76-07/27/76	0	1	
YELL0291	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/26/79-10/26/79	0	1	
YELL0296	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/28/78-08/29/78	0	2	
YELL0297	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/78-08/30/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0298	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/85-09/25/85	0	1	
YELL0299	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/24/69-07/24/69	0	1	
YELL0301	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/80-08/14/80	0	1	
YELL0305	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/01/79-09/01/79	0	1	
YELL0306	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/17/69-07/17/69	0	1	
YELL0310	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/77-08/17/77	0	1	
YELL0312	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/02/88-11/02/88	0	1	
YELL0313	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/24/69-06/24/69	0	1	
YELL0314	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/70-09/18/70	0	1	
YELL0320	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/68-08/14/68	0	1	
YELL0321	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/68-10/21/70	2	7	
YELL0322	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/68-08/14/68	0	1	
YELL0325	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/12/74-07/12/74	0	1	
YELL0329	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/17/69-07/17/69	0	1	
YELL0330	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/69-08/21/69	0	1	
YELL0331	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/21/68-05/21/68	0	1	
YELL0337	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/06/75-08/06/75	0	1	
YELL0338	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/69-08/21/69	0	1	
YELL0341	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/15/74-09/15/74	0	1	
YELL0342	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/20/69-10/20/70	1	7	
YELL0344	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/69-08/21/69	0	1	
YELL0346	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/22/69-10/21/70	1	7	
YELL0347	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/12/70-11/02/88	18	5	
YELL0348	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/17/67-08/13/68	1	4	
YELL0349	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/67-08/13/68	0	2	
YELL0350	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/68-04/13/70	1	2	
YELL0352	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/77-08/04/77	0	1	
YELL0353	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/77-08/03/77	0	1	
YELL0357	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/24/75-07/24/75	0	1	
YELL0359	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/26/67-10/21/70	3	17	
YELL0360	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/17/68-10/21/70	2	11	
YELL0361	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/20/69-10/20/70	1	7	
YELL0362	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/01/88-11/01/88	0	1	
YELL0365	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/25/74-07/25/74	0	1	
YELL0366	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/25/83-07/25/83	0	1	
YELL0367	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/76-08/03/76	0	1	
YELL0368	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/30/75-07/30/75	0	1	
YELL0372	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/23/70-06/23/70	0	1	
YELL0373	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/75-09/26/75	0	1	
YELL0374	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/23/70-06/23/70	0	1	
YELL0376	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/68-08/13/68	0	1	
YELL0377	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/69-08/22/69	0	1	
YELL0378	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/69-08/22/69	0	1	
YELL0379	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/23/70-06/23/70	0	1	
YELL0380	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/68-10/20/70	2	8	
YELL0381	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/85-09/23/85	0	1	
YELL0382	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/76-08/04/76	0	1	
YELL0383	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/74-09/18/74	0	1	
YELL0384	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/79-08/30/79	0	1	
YELL0386	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/05/88-06/26/91	2	6	
YELL0387	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/23/68-05/23/68	0	1	
YELL0388	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/06/88-06/26/91	2	6	
YELL0389	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/15/90-06/26/91	0	2	
YELL0390	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/06/89-06/26/91	2	5	
YELL0398	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/17/75-07/17/75	0	1	
YELL0400	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/11/67-06/26/91	24	7	
YELL0401	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/88-06/26/91	2	7	
YELL0402	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/76-08/05/76	0	1	
YELL0403	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/10/75-07/10/75	0	1	
YELL0404	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/75-07/16/75	0	1	
YELL0410	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/68-09/20/68	0	1	
YELL0412	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/23/74-07/23/74	0	1	
YELL0413	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/74-09/20/74	0	1	
YELL0418	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/71-08/26/71	0	1	
YELL0427	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/01/79-09/01/79	0	1	
YELL0428	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/01/79-09/01/79	0	1	
YELL0429	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/01/79-09/01/79	0	1	
YELL0431	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/71-08/24/71	0	1	
YELL0432	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/71-08/24/71	0	1	
YELL0433	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/71-08/10/71	0	1	
YELL0436	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/71-08/24/71	0	1	
YELL0439	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/71-08/10/71	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0441	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/71-08/10/71	0	1	
YELL0444	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/17/85-09/17/85	0	1	
YELL0073	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/03/88-10/03/88	0	1	
YELL0076	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/03/88-10/03/88	0	1	
YELL0224	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/91-10/08/91	0	1	
YELL0418	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/26/71-08/26/71	0	1	
YELL0431	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/24/71-08/24/71	0	1	
YELL0432	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/24/71-08/24/71	0	1	
YELL0433	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/10/71-08/10/71	0	1	
YELL0436	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/24/71-08/24/71	0	1	
YELL0439	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/10/71-08/10/71	0	1	
YELL0441	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/10/71-08/10/71	0	1	
YELL0004	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/91-07/23/91	0	2	
YELL0005	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/91-07/23/91	0	1	
YELL0008	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/76-08/31/76	0	1	
YELL0009	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/12/76-08/12/76	0	1	
YELL0029	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/20/76-08/20/76	0	1	
YELL0030	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/11/76-08/11/76	0	1	
YELL0038	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/26/76-08/26/76	0	1	
YELL0046	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/26/76-08/26/76	0	1	
YELL0052	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/17/76-08/17/76	0	1	
YELL0054	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	09/02/76-09/02/76	0	1	
YELL0101	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/19/76-09/24/76	0	4	
YELL0109	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/19/76-10/19/76	0	3	
YELL0110	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/24/76-08/24/76	0	1	
YELL0112	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/29/76-07/29/76	0	1	
YELL0116	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/19/76-10/07/76	0	2	
YELL0121	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	09/06/79-09/06/79	0	1	
YELL0189	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	06/30/76-06/30/76	0	1	
YELL0204	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	10/21/86-10/21/86	0	1	
YELL0218	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	10/21/86-10/21/86	0	1	
YELL0224	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	03/12/86-09/07/88	2	10	
YELL0225	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	06/02/87-06/02/87	0	1	
YELL0260	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/30/75-09/07/88	12	18	
YELL0281	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/30/75-05/25/76	0	2	
YELL0286	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/30/75-05/25/76	0	2	
YELL0289	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	09/13/74-09/13/74	0	1	
YELL0290	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/27/76-07/27/76	0	1	
YELL0367	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/03/76-08/03/76	0	1	
YELL0382	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/04/76-08/04/76	0	1	
YELL0402	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/05/76-08/05/76	0	1	
YELL0409	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/86-07/23/86	0	1	
YELL0416	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/13/82-07/23/86	3	2	
YELL0417	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/13/82-07/23/86	3	3	
YELL0438	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/20/83-04/20/83	0	1	
YELL0442	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/22/91-08/22/91	0	1	
YELL0017	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/04/88-10/04/88	0	1	
YELL0073	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/03/88-10/03/88	0	1	
YELL0076	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/03/88-10/03/88	0	1	
YELL0345	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/03/84-10/03/84	0	1	
YELL0004	No	01020	BORON, DISSOLVED (UG/L AS B)	07/23/91-07/23/91	0	2	
YELL0005	No	01020	BORON, DISSOLVED (UG/L AS B)	07/23/91-07/23/91	0	1	
YELL0018	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/17/70-10/17/70	0	1	
YELL0019	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/17/70-09/17/70	0	1	
YELL0020	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/24/70-06/24/70	0	1	
YELL0021	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/22/69-08/22/69	0	1	
YELL0022	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/17/70-09/17/70	0	1	
YELL0055	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/18/69-08/18/69	0	1	
YELL0064	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/18/69-08/18/69	0	1	
YELL0069	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/22/69-10/22/70	1	7	
YELL0079	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/11/69-10/11/69	0	1	
YELL0092	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/11/69-10/11/69	0	1	
YELL0094	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/10/69-10/10/69	0	1	
YELL0095	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/09/70-09/09/70	0	1	
YELL0096	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/09/70-09/09/70	0	1	
YELL0097	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/22/71-09/22/71	0	1	
YELL0111	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/10/70-09/10/70	0	1	
YELL0122	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/15/71-10/15/71	0	1	
YELL0131	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/10/70-09/10/70	0	1	
YELL0136	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/11/68-06/11/68	0	1	
YELL0137	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/22/67-10/22/70	3	15	
YELL0138	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/22/69-10/22/70	1	5	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0141	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/26/83-08/26/83	0	1	
YELL0142	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/26/83-08/26/83	0	1	
YELL0143	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/21/69-10/22/70	1	6	
YELL0148	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/22/69-10/22/70	1	7	
YELL0154	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/16/68-10/19/70	2	9	
YELL0155	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/22/71-09/22/71	0	1	
YELL0159	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/19/69-10/19/70	1	6	
YELL0160	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/22/71-09/22/71	0	1	
YELL0165	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/22/69-10/22/70	1	7	
YELL0166	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/22/70-06/22/70	0	1	
YELL0173	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/15/68-10/15/68	0	1	
YELL0178	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/13/69-10/13/69	0	1	
YELL0181	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/13/69-10/13/69	0	1	
YELL0183	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/19/70-10/19/70	0	1	
YELL0184	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/25/83-08/25/83	0	1	
YELL0185	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/19/69-08/19/69	0	1	
YELL0186	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/19/69-08/19/69	0	1	
YELL0187	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/25/83-08/25/83	0	1	
YELL0188	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/25/83-08/25/83	0	1	
YELL0190	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/18/67-10/22/70	3	9	
YELL0192	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/19/69-08/19/69	0	1	
YELL0204	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/06/88-11/03/88	0	2	
YELL0205	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/22/67-08/22/67	0	1	
YELL0213	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/11/68-06/11/68	0	1	
YELL0214	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/16/68-10/21/70	2	8	
YELL0215	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/13/68-09/13/68	0	1	
YELL0216	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/25/83-08/25/83	0	1	
YELL0217	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/25/83-08/25/83	0	1	
YELL0218	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/06/88-08/11/89	0	2	
YELL0224	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/14/89-11/16/92	3	17	
YELL0226	No	01020	BORON, DISSOLVED (UG/L AS B)	09/07/77-09/07/77	0	1	
YELL0255	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/19/67-09/19/67	0	1	
YELL0256	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/23/69-07/23/69	0	1	
YELL0257	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/23/69-07/23/69	0	1	
YELL0258	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/23/69-06/23/69	0	1	
YELL0259	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/19/67-09/19/67	0	1	
YELL0266	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/22/67-10/19/70	3	9	
YELL0273	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/23/69-07/23/69	0	1	
YELL0274	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/22/67-08/27/69	2	3	
YELL0278	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/29/68-07/29/68	0	1	
YELL0279	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/29/68-07/29/68	0	1	
YELL0280	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/23/69-07/23/69	0	1	
YELL0287	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/22/69-07/22/69	0	1	
YELL0299	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/24/69-07/24/69	0	1	
YELL0306	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/17/69-07/17/69	0	1	
YELL0312	Yes	01020	BORON, DISSOLVED (UG/L AS B)	11/02/88-11/02/88	0	1	
YELL0313	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/24/69-06/24/69	0	1	
YELL0314	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/18/70-09/18/70	0	1	
YELL0320	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/14/68-08/14/68	0	1	
YELL0321	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/08/68-10/21/70	2	7	
YELL0322	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/14/68-08/14/68	0	1	
YELL0329	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/17/69-07/17/69	0	1	
YELL0330	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/21/69-08/21/69	0	1	
YELL0331	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/21/68-05/21/68	0	1	
YELL0338	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/21/69-08/21/69	0	1	
YELL0342	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/20/69-10/20/70	1	7	
YELL0344	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/21/69-08/21/69	0	1	
YELL0346	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/22/69-10/21/70	1	7	
YELL0347	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/12/70-11/02/88	18	5	
YELL0348	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/17/67-08/13/68	1	4	
YELL0349	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/20/67-08/13/68	0	2	
YELL0350	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/13/68-04/13/70	1	2	
YELL0359	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/26/67-10/21/70	3	17	
YELL0360	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/17/68-10/21/70	2	11	
YELL0361	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/20/69-10/20/70	1	7	
YELL0362	Yes	01020	BORON, DISSOLVED (UG/L AS B)	11/01/88-11/01/88	0	1	
YELL0372	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/23/70-06/23/70	0	1	
YELL0374	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/23/70-06/23/70	0	1	
YELL0376	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/13/68-08/13/68	0	1	
YELL0377	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/22/69-08/22/69	0	1	
YELL0378	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/22/69-08/22/69	0	1	
YELL0379	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/23/70-06/23/70	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0380	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/13/68-10/20/70	2	8	
YELL0386	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/05/88-06/26/91	2	6	
YELL0387	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/23/68-05/23/68	0	1	
YELL0389	Yes	01020	BORON, DISSOLVED (UG/L AS B)	11/15/90-06/26/91	0	2	
YELL0390	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/06/89-06/26/91	2	5	
YELL0400	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/11/67-05/11/67	0	1	
YELL0401	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/04/88-06/26/91	2	7	
YELL0410	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/20/68-09/20/68	0	1	
YELL0442	No	01022	BORON, TOTAL (UG/L AS B)	08/22/91-08/22/91	0	1	
YELL0017	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/04/88-10/04/88	0	1	
YELL0073	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/03/88-10/03/88	0	1	
YELL0076	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/03/88-10/03/88	0	1	
YELL0418	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/71-08/26/71	0	1	
YELL0431	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/24/71-08/24/71	0	1	
YELL0432	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/24/71-08/24/71	0	1	
YELL0436	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/24/71-08/24/71	0	1	
YELL0439	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/10/71-08/10/71	0	1	
YELL0441	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/10/71-08/10/71	0	1	
YELL0004	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/91-07/23/91	0	2	
YELL0005	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/91-07/23/91	0	1	
YELL0260	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/30/75-05/25/76	0	2	
YELL0281	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/30/75-05/25/76	0	2	
YELL0286	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/30/75-05/25/76	0	2	
YELL0409	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/86-07/23/86	0	1	
YELL0416	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/82-07/23/86	3	2	
YELL0417	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/82-07/23/86	3	3	
YELL0419	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	01/26/78-01/26/78	0	1	
YELL0442	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/22/91-08/22/91	0	1	
YELL0017	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/04/88-10/04/88	0	1	
YELL0073	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/03/88-10/03/88	0	1	
YELL0076	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/03/88-10/03/88	0	1	
YELL0418	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/26/71-08/26/71	0	1	
YELL0431	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/24/71-08/24/71	0	1	
YELL0432	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/24/71-08/24/71	0	1	
YELL0433	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/10/71-08/10/71	0	1	
YELL0436	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/24/71-08/24/71	0	1	
YELL0439	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/10/71-08/10/71	0	1	
YELL0441	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/10/71-08/10/71	0	1	
YELL0004	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/23/91-07/23/91	0	2	
YELL0005	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/23/91-07/23/91	0	1	
YELL0418	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/71-08/26/71	0	1	
YELL0433	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/10/71-08/10/71	0	1	
YELL0439	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/10/71-08/10/71	0	1	
YELL0441	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/10/71-08/10/71	0	1	
YELL0004	No	01042	COPPER, TOTAL (UG/L AS CU)	07/23/91-07/23/91	0	2	
YELL0005	No	01042	COPPER, TOTAL (UG/L AS CU)	07/23/91-07/23/91	0	1	
YELL0008	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/31/76-08/31/76	0	1	
YELL0009	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/12/76-08/12/76	0	1	
YELL0029	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/20/76-08/20/76	0	1	
YELL0030	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/11/76-08/11/76	0	1	
YELL0038	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/26/76-08/26/76	0	1	
YELL0046	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/26/76-08/26/76	0	1	
YELL0052	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/17/76-08/17/76	0	1	
YELL0054	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/02/76-09/02/76	0	1	
YELL0065	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/13/78-10/10/85	7	35	
YELL0071	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/08/78-09/08/78	0	1	
YELL0101	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/19/76-09/30/85	9	9	
YELL0103	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/31/78-09/11/84	6	19	
YELL0108	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/26/77-09/27/84	7	23	
YELL0109	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/24/76-08/24/76	0	1	
YELL0112	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/29/76-07/29/76	0	1	
YELL0115	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/29/79-08/29/79	0	2	
YELL0116	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/19/76-10/07/76	0	2	
YELL0120	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/27/74-08/07/84	10	6	
YELL0121	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/06/79-08/23/82	2	8	
YELL0126	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/15/79-08/15/79	0	1	
YELL0129	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/04/83-08/04/83	0	1	
YELL0133	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	0	1	
YELL0134	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/22/80-08/22/80	0	1	
YELL0135	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/24/78-09/27/84	6	22	
YELL0146	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/15/78-08/07/85	6	4	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0156	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/24/78-09/27/84	6	22	
YELL0157	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/12/79-08/12/79	0	1	
YELL0158	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/12/79-08/12/79	0	1	
YELL0168	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/01/77-09/01/77	0	1	
YELL0169	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/12/79-10/12/79	0	1	
YELL0174	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/07/79-08/07/79	0	1	
YELL0177	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/16/79-07/18/81	1	2	
YELL0189	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/30/76-06/30/76	0	1	
YELL0194	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/26/77-08/26/77	0	1	
YELL0207	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/18/75-08/18/75	0	1	
YELL0209	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/12/79-10/12/79	0	1	
YELL0219	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/18/75-08/18/75	0	1	
YELL0220	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/23/78-08/23/78	0	1	
YELL0221	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/23/78-08/23/78	0	1	
YELL0223	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/23/78-08/23/78	0	1	
YELL0227	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/15/75-08/15/75	0	1	
YELL0228	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/16/75-08/16/75	0	1	
YELL0229	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/23/78-08/23/78	0	2	
YELL0230	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/23/78-08/23/78	0	1	
YELL0234	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/12/75-08/12/75	0	1	
YELL0235	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/28/79-08/28/79	0	1	
YELL0242	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/24/77-08/24/77	0	1	
YELL0245	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-07/31/80	5	3	
YELL0260	No	01042	COPPER, TOTAL (UG/L AS CU)	09/30/75-05/25/76	0	2	
YELL0263	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/22/75-08/22/75	0	1	
YELL0264	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/07/83-09/07/83	0	1	
YELL0267	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/11/75-08/11/75	0	1	
YELL0270	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/17/78-08/17/78	0	1	
YELL0271	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/16/79-10/16/79	0	1	
YELL0272	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/05/74-09/05/74	0	1	
YELL0281	No	01042	COPPER, TOTAL (UG/L AS CU)	09/30/75-05/25/76	0	2	
YELL0286	No	01042	COPPER, TOTAL (UG/L AS CU)	09/30/75-05/25/76	0	2	
YELL0289	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/13/74-09/13/74	0	1	
YELL0290	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/27/76-07/27/76	0	1	
YELL0291	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/26/79-10/26/79	0	1	
YELL0296	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/28/78-08/29/78	0	2	
YELL0297	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/30/78-08/30/78	0	1	
YELL0301	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/14/80-08/14/80	0	1	
YELL0305	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/01/79-09/01/79	0	1	
YELL0310	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/17/77-08/17/77	0	1	
YELL0325	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/12/74-07/12/74	0	1	
YELL0337	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/06/75-08/06/75	0	1	
YELL0341	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/15/74-09/15/74	0	1	
YELL0352	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/04/77-08/04/77	0	1	
YELL0353	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/03/77-08/03/77	0	1	
YELL0357	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/24/75-07/24/75	0	1	
YELL0365	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/25/74-07/25/74	0	1	
YELL0366	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/25/83-07/25/83	0	1	
YELL0367	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/03/76-08/03/76	0	1	
YELL0368	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/30/75-07/30/75	0	1	
YELL0373	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/26/75-09/26/75	0	1	
YELL0382	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-08/04/76	0	1	
YELL0383	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/18/74-09/18/74	0	1	
YELL0384	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/30/79-08/30/79	0	1	
YELL0398	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/17/75-07/17/75	0	1	
YELL0402	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/05/76-08/05/76	0	1	
YELL0403	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/10/75-07/10/75	0	1	
YELL0404	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/16/75-07/16/75	0	1	
YELL0409	No	01042	COPPER, TOTAL (UG/L AS CU)	07/23/86-07/23/86	0	1	
YELL0412	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/23/74-07/23/74	0	1	
YELL0413	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/20/74-09/20/74	0	1	
YELL0416	No	01042	COPPER, TOTAL (UG/L AS CU)	08/13/82-07/23/86	3	2	
YELL0417	No	01042	COPPER, TOTAL (UG/L AS CU)	08/13/82-07/23/86	3	3	
YELL0419	Yes	01042	COPPER, TOTAL (UG/L AS CU)	01/26/78-01/26/78	0	1	
YELL0427	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/01/79-09/01/79	0	1	
YELL0428	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/01/79-09/01/79	0	1	
YELL0429	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/01/79-09/01/79	0	1	
YELL0442	No	01042	COPPER, TOTAL (UG/L AS CU)	08/22/91-08/22/91	0	1	
YELL0004	No	01045	IRON, TOTAL (UG/L AS FE)	07/23/91-07/23/91	0	2	
YELL0005	No	01045	IRON, TOTAL (UG/L AS FE)	07/23/91-07/23/91	0	1	
YELL0018	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/17/70-10/17/70	0	1	
YELL0019	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/17/70-09/17/70	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0020	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/24/70-06/24/70	0	1	
YELL0022	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/17/70-09/17/70	0	1	
YELL0069	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/22/69-10/22/70	1	7	
YELL0097	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/22/71-09/22/71	0	1	
YELL0122	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/15/71-10/15/71	0	1	
YELL0136	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/11/68-06/11/68	0	1	
YELL0137	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/22/68-10/22/70	2	12	
YELL0138	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/22/69-10/22/70	1	5	
YELL0143	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/21/69-10/22/70	1	6	
YELL0148	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/22/69-10/22/70	1	7	
YELL0154	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/16/68-10/19/70	2	9	
YELL0155	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/22/71-09/22/71	0	1	
YELL0159	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/19/69-10/19/70	1	6	
YELL0160	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/22/71-09/22/71	0	1	
YELL0165	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/22/69-10/22/70	1	7	
YELL0166	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/22/70-06/22/70	0	1	
YELL0173	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/15/68-10/15/68	0	1	
YELL0178	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/13/69-10/13/69	0	1	
YELL0181	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/13/69-10/13/69	0	1	
YELL0183	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/19/70-10/19/70	0	1	
YELL0190	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/14/68-10/22/70	2	8	
YELL0192	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/19/69-08/19/69	0	1	
YELL0213	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/11/68-06/11/68	0	1	
YELL0214	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/16/68-10/21/70	2	8	
YELL0215	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/13/68-09/13/68	0	1	
YELL0258	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/23/69-06/23/69	0	1	
YELL0260	No	01045	IRON, TOTAL (UG/L AS FE)	09/30/75-05/25/76	0	2	
YELL0266	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/13/68-10/19/70	2	8	
YELL0274	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/18/69-07/18/69	0	1	
YELL0278	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/29/68-07/29/68	0	1	
YELL0279	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/29/68-07/29/68	0	1	
YELL0281	No	01045	IRON, TOTAL (UG/L AS FE)	09/30/75-05/25/76	0	2	
YELL0286	No	01045	IRON, TOTAL (UG/L AS FE)	09/30/75-05/25/76	0	2	
YELL0306	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/17/69-07/17/69	0	1	
YELL0313	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/24/69-06/24/69	0	1	
YELL0314	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/18/70-09/18/70	0	1	
YELL0320	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/14/68-08/14/68	0	1	
YELL0321	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/08/68-10/21/70	2	7	
YELL0322	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/14/68-08/14/68	0	1	
YELL0329	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/17/69-07/17/69	0	1	
YELL0331	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/21/68-05/21/68	0	1	
YELL0342	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/20/69-10/20/70	1	7	
YELL0346	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/22/69-10/21/70	1	7	
YELL0347	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/12/70-10/20/70	0	3	
YELL0348	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/13/68-08/13/68	0	1	
YELL0349	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/13/68-08/13/68	0	1	
YELL0350	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/13/68-04/13/70	1	2	
YELL0359	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/17/68-10/21/70	2	14	
YELL0360	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/17/68-10/21/70	2	11	
YELL0361	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/20/69-10/20/70	1	7	
YELL0372	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/23/70-06/23/70	0	1	
YELL0374	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/23/70-06/23/70	0	1	
YELL0376	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/13/68-08/13/68	0	1	
YELL0379	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/23/70-06/23/70	0	1	
YELL0380	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/13/68-10/20/70	2	8	
YELL0387	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/23/68-05/23/68	0	1	
YELL0409	No	01045	IRON, TOTAL (UG/L AS FE)	07/23/86-07/23/86	0	1	
YELL0410	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/20/68-09/20/68	0	1	
YELL0416	No	01045	IRON, TOTAL (UG/L AS FE)	07/23/86-07/23/86	0	1	
YELL0417	No	01045	IRON, TOTAL (UG/L AS FE)	07/23/86-07/23/86	0	2	
YELL0419	Yes	01045	IRON, TOTAL (UG/L AS FE)	01/26/78-01/26/78	0	1	
YELL0442	No	01045	IRON, TOTAL (UG/L AS FE)	08/22/91-08/22/91	0	1	
YELL0130	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/28/74-10/28/74	0	1	
YELL0141	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/21/75-07/28/81	5	6	
YELL0142	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/21/75-07/28/81	5	6	
YELL0143	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/19/76-09/19/76	0	1	
YELL0179	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/22/79-08/22/79	0	1	
YELL0183	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/18/76-09/18/76	0	1	
YELL0184	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/17/78-07/22/81	2	3	
YELL0187	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/18/76-07/22/81	4	5	
YELL0204	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/06/88-11/03/88	0	2	
YELL0216	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/19/76-07/24/81	4	5	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0217	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/19/76-07/24/81	4	5	
YELL0218	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/06/88-11/03/88	0	2	
YELL0224	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/24/90-08/25/90	0	4	
YELL0312	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/02/88-11/02/88	0	1	
YELL0347	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/05/88-11/02/88	0	2	
YELL0348	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/13/68-08/13/68	0	1	
YELL0362	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/01/88-11/01/88	0	1	
YELL0386	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/05/88-06/26/91	2	6	
YELL0388	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/06/88-06/26/91	2	6	
YELL0389	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/15/90-06/26/91	0	2	
YELL0390	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/06/89-06/26/91	2	5	
YELL0400	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/05/88-06/26/91	2	6	
YELL0401	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/04/88-06/26/91	2	7	
YELL0017	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/04/88-10/04/88	0	1	
YELL0073	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/88-10/03/88	0	1	
YELL0076	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/88-10/03/88	0	1	
YELL0432	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/24/71-08/24/71	0	1	
YELL0004	No	01051	LEAD, TOTAL (UG/L AS PB)	07/23/91-07/23/91	0	2	
YELL0005	No	01051	LEAD, TOTAL (UG/L AS PB)	07/23/91-07/23/91	0	1	
YELL0260	No	01051	LEAD, TOTAL (UG/L AS PB)	09/30/75-05/25/76	0	2	
YELL0281	No	01051	LEAD, TOTAL (UG/L AS PB)	09/30/75-05/25/76	0	2	
YELL0286	No	01051	LEAD, TOTAL (UG/L AS PB)	09/30/75-05/25/76	0	2	
YELL0419	Yes	01051	LEAD, TOTAL (UG/L AS PB)	01/26/78-01/26/78	0	1	
YELL0442	No	01051	LEAD, TOTAL (UG/L AS PB)	08/22/91-08/22/91	0	1	
YELL0004	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/91-07/23/91	0	2	
YELL0005	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/91-07/23/91	0	1	
YELL0260	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/30/75-05/25/76	0	2	
YELL0281	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/30/75-05/25/76	0	2	
YELL0286	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/30/75-05/25/76	0	2	
YELL0409	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/86-07/23/86	0	1	
YELL0416	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/86-07/23/86	0	1	
YELL0417	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/86-07/23/86	0	2	
YELL0419	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	01/26/78-01/26/78	0	1	
YELL0442	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/22/91-08/22/91	0	1	
YELL0003	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/23/85-09/23/85	0	1	
YELL0127	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/85-09/24/85	0	1	
YELL0141	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/03/80-07/28/81	0	2	
YELL0142	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/03/80-07/28/81	0	2	
YELL0172	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/23/85-09/23/85	0	1	
YELL0184	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/29/80-07/22/81	0	2	
YELL0187	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/29/80-07/22/81	0	2	
YELL0216	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/05/80-07/24/81	0	2	
YELL0217	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/05/80-07/24/81	0	2	
YELL0224	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/90-08/25/90	0	2	
YELL0240	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/85-09/24/85	0	1	
YELL0276	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/85-09/24/85	0	1	
YELL0298	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/85-09/25/85	0	1	
YELL0381	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/23/85-09/23/85	0	1	
YELL0418	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/71-08/26/71	0	1	
YELL0431	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/71-08/24/71	0	1	
YELL0432	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/71-08/24/71	0	1	
YELL0433	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/71-08/10/71	0	1	
YELL0436	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/71-08/24/71	0	1	
YELL0439	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/71-08/10/71	0	1	
YELL0441	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/71-08/10/71	0	1	
YELL0444	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/17/85-09/17/85	0	1	
YELL0432	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/24/71-08/24/71	0	1	
YELL0017	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	10/04/88-10/04/88	0	1	
YELL0073	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	10/03/88-10/03/88	0	1	
YELL0076	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	10/03/88-10/03/88	0	1	
YELL0419	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	01/26/78-01/26/78	0	1	
YELL0419	Yes	01087	VANADIUM, TOTAL (UG/L AS V)	01/26/78-01/26/78	0	1	
YELL0441	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/10/71-08/10/71	0	1	
YELL0004	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/23/91-07/23/91	0	2	
YELL0005	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/23/91-07/23/91	0	1	
YELL0260	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/30/75-05/25/76	0	2	
YELL0281	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/30/75-05/25/76	0	2	
YELL0286	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/30/75-05/25/76	0	2	
YELL0409	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/23/86-07/23/86	0	1	
YELL0416	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/13/82-07/23/86	3	2	
YELL0417	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/13/82-07/23/86	3	3	
YELL0419	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	01/26/78-01/26/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0442	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/22/91-08/22/91	0	1	
YELL0224	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/24/90-08/25/90	0	2	
YELL0003	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/23/85-09/23/85	0	1	
YELL0127	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-09/24/85	0	1	
YELL0172	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/23/85-09/23/85	0	1	
YELL0240	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-09/24/85	0	1	
YELL0276	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-09/24/85	0	1	
YELL0298	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/25/85-09/25/85	0	1	
YELL0381	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/23/85-09/23/85	0	1	
YELL0409	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/86-07/23/86	0	1	
YELL0416	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/86-07/23/86	0	1	
YELL0417	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/86-07/23/86	0	2	
YELL0444	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/17/85-09/17/85	0	1	
YELL0432	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/24/71-08/24/71	0	1	
YELL0224	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/24/90-11/16/92	2	11	
YELL0017	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/04/88-10/04/88	0	1	
YELL0073	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/03/88-10/03/88	0	1	
YELL0076	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/03/88-10/03/88	0	1	
YELL0004	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/23/91-07/23/91	0	2	
YELL0005	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/23/91-07/23/91	0	1	
YELL0442	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/22/91-08/22/91	0	1	
YELL0260	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/30/75-06/23/76	0	4	
YELL0281	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/30/75-06/23/76	0	4	
YELL0286	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/30/75-06/23/76	0	4	
YELL0343	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/16/76-03/16/76	0	1	
YELL0141	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/76-09/19/76	0	1	
YELL0142	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/76-09/19/76	0	1	
YELL0143	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/76-09/19/76	0	1	
YELL0183	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/18/76-09/18/76	0	1	
YELL0187	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/18/76-09/18/76	0	1	
YELL0216	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/76-09/19/76	0	1	
YELL0217	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/76-09/19/76	0	1	
YELL0260	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/75-06/23/76	0	4	
YELL0281	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/75-06/23/76	0	4	
YELL0286	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/75-06/23/76	0	4	
YELL0343	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/16/76-03/16/76	0	1	
YELL0260	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/30/75-06/23/76	0	4	
YELL0281	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/30/75-06/23/76	0	4	
YELL0286	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/30/75-06/23/76	0	4	
YELL0343	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/16/76-03/16/76	0	1	
YELL0004	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/23/91-07/23/91	0	2	
YELL0005	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/23/91-07/23/91	0	1	
YELL0004	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-07/23/91	0	1	
YELL0224	Yes	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	08/26/90-08/26/90	0	1	
YELL0003	No	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/23/85-09/23/85	0	1	
YELL0127	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/24/85-09/24/85	0	1	
YELL0172	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/23/85-09/23/85	0	1	
YELL0240	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/24/85-09/24/85	0	1	
YELL0276	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/24/85-09/24/85	0	1	
YELL0298	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/25/85-09/25/85	0	1	
YELL0381	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/23/85-09/23/85	0	1	
YELL0444	No	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/17/85-09/17/85	0	1	
YELL0019	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/17/70-09/17/70	0	1	
YELL0020	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/24/70-06/24/70	0	1	
YELL0021	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/22/69-08/22/69	0	1	
YELL0022	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/17/70-09/17/70	0	1	
YELL0055	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/69-08/18/69	0	1	
YELL0064	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/69-08/18/69	0	1	
YELL0069	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/22/69-07/23/70	1	6	
YELL0079	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/11/69-10/11/69	0	1	
YELL0092	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/11/69-10/11/69	0	1	
YELL0094	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/10/69-10/10/69	0	1	
YELL0095	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/09/70-09/09/70	0	1	
YELL0096	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/09/70-09/09/70	0	1	
YELL0111	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/10/70-09/10/70	0	1	
YELL0131	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/10/70-09/10/70	0	1	
YELL0136	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/11/68-06/11/68	0	1	
YELL0137	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/22/67-10/22/70	3	15	
YELL0138	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/22/69-10/22/70	1	5	
YELL0143	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/21/69-10/22/70	1	6	
YELL0148	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/22/69-10/22/70	1	7	
YELL0154	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/68-07/20/70	1	8	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0159	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/19/69-07/20/70	1	5	
YELL0165	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/22/69-10/22/70	1	7	
YELL0166	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/22/70-06/22/70	0	1	
YELL0167	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/16/64-06/16/64	0	1	
YELL0178	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/13/69-10/13/69	0	1	
YELL0181	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/13/69-10/13/69	0	1	
YELL0185	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/69-08/19/69	0	1	
YELL0186	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/69-08/19/69	0	1	
YELL0190	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/67-10/22/70	3	9	
YELL0192	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/69-08/19/69	0	1	
YELL0205	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/22/67-08/22/67	0	1	
YELL0213	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/11/68-06/11/68	0	1	
YELL0214	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/16/68-10/21/70	2	8	
YELL0215	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/13/68-09/13/68	0	1	
YELL0255	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/19/67-09/19/67	0	1	
YELL0256	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/23/69-07/23/69	0	1	
YELL0257	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/23/69-07/23/69	0	1	
YELL0258	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/23/69-06/23/69	0	1	
YELL0259	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/19/67-09/19/67	0	1	
YELL0266	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/22/67-10/19/70	3	9	
YELL0273	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/23/69-07/23/69	0	1	
YELL0274	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/22/67-08/27/69	2	3	
YELL0278	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/29/68-07/29/68	0	1	
YELL0279	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/29/68-07/29/68	0	1	
YELL0280	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/23/69-07/23/69	0	1	
YELL0287	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/22/69-07/22/69	0	1	
YELL0299	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/69-07/24/69	0	1	
YELL0306	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/17/69-07/17/69	0	1	
YELL0313	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/24/69-06/24/69	0	1	
YELL0314	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/70-09/18/70	0	1	
YELL0320	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/14/68-08/14/68	0	1	
YELL0321	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/08/68-10/21/70	2	7	
YELL0322	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/14/68-08/14/68	0	1	
YELL0329	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/17/69-07/17/69	0	1	
YELL0330	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/69-08/21/69	0	1	
YELL0331	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/21/68-05/21/68	0	1	
YELL0338	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/69-08/21/69	0	1	
YELL0342	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/20/69-10/20/70	1	7	
YELL0344	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/69-08/21/69	0	1	
YELL0346	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/22/69-07/22/70	1	6	
YELL0347	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/70-10/20/70	0	3	
YELL0348	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/17/67-08/13/68	1	4	
YELL0349	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/67-08/13/68	0	2	
YELL0350	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/13/68-04/13/70	1	2	
YELL0359	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/26/67-07/21/70	3	16	
YELL0360	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/17/68-07/22/70	2	10	
YELL0361	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/20/69-10/20/70	1	7	
YELL0372	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/23/70-06/23/70	0	1	
YELL0374	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/23/70-06/23/70	0	1	
YELL0376	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/13/68-08/13/68	0	1	
YELL0377	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/22/69-08/22/69	0	1	
YELL0378	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/22/69-08/22/69	0	1	
YELL0379	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/23/70-06/23/70	0	1	
YELL0380	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/13/68-07/21/70	1	7	
YELL0387	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/23/68-05/23/68	0	1	
YELL0400	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/11/67-05/11/67	0	1	
YELL0410	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/68-09/20/68	0	1	
YELL0004	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/91-07/23/91	0	2	
YELL0005	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/91-07/23/91	0	1	
YELL0018	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/17/70-10/17/70	0	1	
YELL0019	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/17/70-09/17/70	0	1	
YELL0020	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/24/70-06/24/70	0	1	
YELL0021	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/69-08/22/69	0	1	
YELL0022	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/17/70-09/17/70	0	1	
YELL0033	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/30/72-08/30/72	0	1	
YELL0055	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/69-08/18/69	0	1	
YELL0064	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/69-08/18/69	0	1	
YELL0069	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/69-10/22/70	1	7	
YELL0079	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/11/69-10/11/69	0	1	
YELL0092	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/11/69-10/11/69	0	1	
YELL0094	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/10/69-10/10/69	0	1	
YELL0095	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/09/70-09/09/70	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0096	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/09/70-09/09/70	0	1	
YELL0097	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/22/71-09/22/71	0	1	
YELL0111	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/10/70-09/10/70	0	1	
YELL0122	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/15/71-10/15/71	0	1	
YELL0130	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/28/74-10/28/74	0	1	
YELL0131	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/10/70-09/10/70	0	1	
YELL0136	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/11/68-06/11/68	0	1	
YELL0137	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/68-10/22/70	2	12	
YELL0138	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/69-10/22/70	1	5	
YELL0141	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/21/75-07/28/81	5	6	
YELL0142	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/21/75-07/28/81	5	6	
YELL0143	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/21/69-09/19/76	7	7	
YELL0148	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/69-10/22/70	1	7	
YELL0154	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/16/68-10/19/70	2	9	
YELL0155	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/22/71-09/22/71	0	1	
YELL0159	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/19/69-10/19/70	1	6	
YELL0160	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/22/71-09/22/71	0	1	
YELL0165	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/69-10/22/70	1	7	
YELL0166	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/22/70-06/22/70	0	1	
YELL0173	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/15/68-10/15/68	0	1	
YELL0178	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/13/69-10/13/69	0	1	
YELL0179	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/79-08/22/79	0	1	
YELL0181	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/13/69-10/13/69	0	1	
YELL0183	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/19/70-09/18/76	5	2	
YELL0184	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/78-07/22/81	2	3	
YELL0185	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/69-08/19/69	0	1	
YELL0186	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/69-08/19/69	0	1	
YELL0187	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/76-07/22/81	4	5	
YELL0190	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/14/68-10/22/70	2	8	
YELL0192	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/69-08/19/69	0	1	
YELL0213	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/11/68-06/11/68	0	1	
YELL0214	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/16/68-10/21/70	2	8	
YELL0215	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/13/68-09/13/68	0	1	
YELL0216	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/76-07/24/81	4	5	
YELL0217	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/76-07/24/81	4	5	
YELL0226	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/07/77-09/07/77	0	1	
YELL0256	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/69-07/23/69	0	1	
YELL0257	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/69-07/23/69	0	1	
YELL0258	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/23/69-06/23/69	0	1	
YELL0260	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/21/73-09/30/75	2	2	
YELL0266	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/13/68-10/19/70	2	8	
YELL0273	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/69-07/23/69	0	1	
YELL0274	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/18/69-08/27/69	0	2	
YELL0278	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/29/68-07/29/68	0	1	
YELL0279	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/29/68-07/29/68	0	1	
YELL0280	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/69-07/23/69	0	1	
YELL0281	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/21/73-05/25/76	3	3	
YELL0286	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/21/73-05/25/76	3	3	
YELL0287	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/22/69-07/22/69	0	1	
YELL0299	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/24/69-07/24/69	0	1	
YELL0306	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/17/69-07/17/69	0	1	
YELL0313	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/24/69-06/24/69	0	1	
YELL0314	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/70-09/18/70	0	1	
YELL0320	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/14/68-08/14/68	0	1	
YELL0321	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/08/68-10/21/70	2	7	
YELL0322	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/14/68-08/14/68	0	1	
YELL0329	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/17/69-07/17/69	0	1	
YELL0330	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/21/69-08/21/69	0	1	
YELL0331	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/21/68-05/21/68	0	1	
YELL0338	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/21/69-08/21/69	0	1	
YELL0342	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/20/69-10/20/70	1	7	
YELL0343	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/16/76-03/16/76	0	1	
YELL0344	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/21/69-08/21/69	0	1	
YELL0346	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/69-10/21/70	1	7	
YELL0347	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/12/70-10/20/70	0	3	
YELL0348	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/13/68-08/13/68	0	2	
YELL0349	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/13/68-08/13/68	0	1	
YELL0350	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/13/68-04/13/70	1	2	
YELL0359	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/17/68-10/21/70	2	14	
YELL0360	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/17/68-10/21/70	2	11	
YELL0361	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/20/69-10/20/70	1	7	
YELL0372	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/23/70-06/23/70	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0374	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/23/70-06/23/70	0	1	
YELL0376	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/13/68-08/13/68	0	1	
YELL0377	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/69-08/22/69	0	1	
YELL0378	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/69-08/22/69	0	1	
YELL0379	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/23/70-06/23/70	0	1	
YELL0380	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/13/68-10/20/70	2	8	
YELL0387	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/23/68-05/23/68	0	1	
YELL0410	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/20/68-09/20/68	0	1	
YELL0419	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/26/78-04/18/78	0	2	
YELL0018	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/17/70-10/17/70	0	1	
YELL0019	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	09/17/70-09/17/70	0	1	
YELL0020	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	06/24/70-06/24/70	0	1	
YELL0021	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/22/69-08/22/69	0	1	
YELL0022	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	09/17/70-09/17/70	0	1	
YELL0055	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/69-08/18/69	0	1	
YELL0064	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/69-08/18/69	0	1	
YELL0069	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/69-10/22/70	1	7	
YELL0079	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/11/69-10/11/69	0	1	
YELL0094	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/10/69-10/10/69	0	1	
YELL0095	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	09/09/70-09/09/70	0	1	
YELL0096	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	09/09/70-09/09/70	0	1	
YELL0111	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	09/10/70-09/10/70	0	1	
YELL0137	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/68-10/22/70	2	10	
YELL0138	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/69-10/22/70	1	5	
YELL0141	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/21/75-10/21/75	0	1	
YELL0142	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/21/75-10/21/75	0	1	
YELL0143	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/21/69-10/22/70	1	6	
YELL0148	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/69-10/22/70	1	7	
YELL0154	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/16/68-10/19/70	2	9	
YELL0159	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/19/69-10/19/70	1	6	
YELL0165	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/69-10/22/70	1	7	
YELL0166	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	06/22/70-06/22/70	0	1	
YELL0178	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/13/69-10/13/69	0	1	
YELL0181	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/13/69-10/13/69	0	1	
YELL0183	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/70-09/18/76	5	2	
YELL0184	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/29/80-07/22/81	0	2	
YELL0185	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/19/69-08/19/69	0	1	
YELL0186	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/19/69-08/19/69	0	1	
YELL0187	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/29/80-07/22/81	0	2	
YELL0190	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/14/68-10/22/70	2	8	
YELL0192	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/19/69-08/19/69	0	1	
YELL0214	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/69-10/21/70	1	7	
YELL0255	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	09/19/67-09/19/67	0	1	
YELL0256	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/23/69-07/23/69	0	1	
YELL0257	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/23/69-07/23/69	0	1	
YELL0258	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	06/23/69-06/23/69	0	1	
YELL0259	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	09/19/67-09/19/67	0	1	
YELL0266	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/13/68-10/19/70	2	8	
YELL0273	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/23/69-07/23/69	0	1	
YELL0274	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/18/69-08/27/69	0	2	
YELL0280	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/23/69-07/23/69	0	1	
YELL0287	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/22/69-07/22/69	0	1	
YELL0299	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/24/69-07/24/69	0	1	
YELL0306	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/17/69-07/17/69	0	1	
YELL0313	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	06/24/69-06/24/69	0	1	
YELL0314	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	09/18/70-09/18/70	0	1	
YELL0320	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/14/68-08/14/68	0	1	
YELL0321	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/21/69-10/21/70	1	6	
YELL0322	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/14/68-08/14/68	0	1	
YELL0329	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/17/69-07/17/69	0	1	
YELL0330	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/21/69-08/21/69	0	1	
YELL0338	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/21/69-08/21/69	0	1	
YELL0342	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/20/69-10/20/70	1	7	
YELL0344	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/21/69-08/21/69	0	1	
YELL0346	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/69-10/21/70	1	7	
YELL0347	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/12/70-10/20/70	0	3	
YELL0348	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	06/17/67-08/13/68	1	4	
YELL0349	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	09/20/67-09/20/67	0	1	
YELL0350	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/13/68-04/13/70	1	2	
YELL0359	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/26/67-10/21/70	3	17	
YELL0360	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/17/68-10/21/70	2	11	
YELL0361	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/20/69-10/20/70	1	7	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0372	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	06/23/70-06/23/70	0	1	
YELL0374	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	06/23/70-06/23/70	0	1	
YELL0376	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/13/68-08/13/68	0	1	
YELL0377	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/22/69-08/22/69	0	1	
YELL0378	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/22/69-08/22/69	0	1	
YELL0379	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	06/23/70-06/23/70	0	1	
YELL0380	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/13/68-10/20/70	2	8	
YELL0018	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/17/70-10/17/70	0	1	
YELL0019	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/17/70-09/17/70	0	1	
YELL0020	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/24/70-06/24/70	0	1	
YELL0021	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/69-08/22/69	0	1	
YELL0022	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/17/70-09/17/70	0	1	
YELL0033	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/30/72-08/30/72	0	1	
YELL0055	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/69-08/18/69	0	1	
YELL0064	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/69-08/18/69	0	1	
YELL0069	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/22/69-10/22/70	1	7	
YELL0079	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/11/69-10/11/69	0	1	
YELL0092	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/11/69-10/11/69	0	1	
YELL0094	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/10/69-10/10/69	0	1	
YELL0095	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/09/70-09/09/70	0	1	
YELL0096	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/09/70-09/09/70	0	1	
YELL0097	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/22/71-09/22/71	0	1	
YELL0111	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/10/70-09/10/70	0	1	
YELL0122	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/15/71-10/15/71	0	1	
YELL0130	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/28/74-10/28/74	0	1	
YELL0131	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/10/70-09/10/70	0	1	
YELL0136	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/11/68-06/11/68	0	1	
YELL0137	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/22/67-10/22/70	3	15	
YELL0138	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/22/69-10/22/70	1	5	
YELL0141	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/21/75-07/28/81	5	6	
YELL0142	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/21/75-07/28/81	5	6	
YELL0143	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/21/69-09/19/76	7	7	
YELL0148	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/22/69-10/22/70	1	7	
YELL0154	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/16/68-10/19/70	2	9	
YELL0155	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/22/71-09/22/71	0	1	
YELL0159	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/19/69-10/19/70	1	6	
YELL0160	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/22/71-09/22/71	0	1	
YELL0165	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/22/69-10/22/70	1	7	
YELL0166	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/22/70-06/22/70	0	1	
YELL0167	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/16/64-06/16/64	0	1	
YELL0173	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/15/68-10/15/68	0	1	
YELL0178	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/13/69-10/13/69	0	1	
YELL0179	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/79-08/22/79	0	1	
YELL0181	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/13/69-10/13/69	0	1	
YELL0183	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/70-09/18/76	5	2	
YELL0184	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/78-07/22/81	2	3	
YELL0185	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/69-08/19/69	0	1	
YELL0186	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/69-08/19/69	0	1	
YELL0187	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/76-07/22/81	4	5	
YELL0190	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/67-10/22/70	3	9	
YELL0192	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/69-08/19/69	0	1	
YELL0205	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/67-08/22/67	0	1	
YELL0213	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/11/68-06/11/68	0	1	
YELL0214	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/16/68-10/21/70	2	8	
YELL0215	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/13/68-09/13/68	0	1	
YELL0216	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/19/76-07/24/81	4	5	
YELL0217	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/19/76-07/24/81	4	5	
YELL0226	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/07/77-09/07/77	0	1	
YELL0255	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/19/67-09/19/67	0	1	
YELL0256	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/23/69-07/23/69	0	1	
YELL0257	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/23/69-07/23/69	0	1	
YELL0258	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/23/69-06/23/69	0	1	
YELL0259	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/19/67-09/19/67	0	1	
YELL0266	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/67-10/19/70	3	9	
YELL0273	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/23/69-07/23/69	0	1	
YELL0274	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/67-08/27/69	2	3	
YELL0278	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/68-07/29/68	0	1	
YELL0279	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/68-07/29/68	0	1	
YELL0280	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/23/69-07/23/69	0	1	
YELL0287	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/22/69-07/22/69	0	1	
YELL0299	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/24/69-07/24/69	0	1	
YELL0306	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/17/69-07/17/69	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0313	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/24/69-06/24/69	0	1	
YELL0314	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/70-09/18/70	0	1	
YELL0320	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/14/68-08/14/68	0	1	
YELL0321	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/08/68-10/21/70	2	7	
YELL0322	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/14/68-08/14/68	0	1	
YELL0329	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/17/69-07/17/69	0	1	
YELL0330	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/21/69-08/21/69	0	1	
YELL0331	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/21/68-05/21/68	0	1	
YELL0338	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/21/69-08/21/69	0	1	
YELL0342	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/20/69-10/20/70	1	7	
YELL0344	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/21/69-08/21/69	0	1	
YELL0346	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/22/69-10/21/70	1	7	
YELL0347	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/12/70-10/20/70	0	3	
YELL0348	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/17/67-08/13/68	1	4	
YELL0349	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/20/67-08/13/68	0	2	
YELL0350	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/13/68-04/13/70	1	2	
YELL0359	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/26/67-10/21/70	3	17	
YELL0360	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/17/68-10/21/70	2	11	
YELL0361	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/20/69-10/20/70	1	7	
YELL0372	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/23/70-06/23/70	0	1	
YELL0374	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/23/70-06/23/70	0	1	
YELL0376	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/13/68-08/13/68	0	1	
YELL0377	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/69-08/22/69	0	1	
YELL0378	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/69-08/22/69	0	1	
YELL0379	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/23/70-06/23/70	0	1	
YELL0380	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/13/68-10/20/70	2	8	
YELL0387	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/23/68-05/23/68	0	1	
YELL0400	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/11/67-05/11/67	0	1	
YELL0410	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/20/68-09/20/68	0	1	
YELL0008	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/31/76-08/31/76	0	1	
YELL0009	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/12/76-08/12/76	0	1	
YELL0029	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/20/76-08/20/76	0	1	
YELL0030	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/11/76-08/11/76	0	1	
YELL0038	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/26/76-08/26/76	0	1	
YELL0046	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/26/76-08/26/76	0	1	
YELL0052	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/17/76-08/17/76	0	1	
YELL0054	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/02/76-09/02/76	0	1	
YELL0065	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/13/78-10/10/85	7	35	
YELL0071	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/08/78-09/08/78	0	1	
YELL0101	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/19/76-09/30/85	9	9	
YELL0103	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/31/78-09/11/84	6	16	
YELL0108	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	05/26/77-09/27/84	7	23	
YELL0109	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/24/76-08/24/76	0	1	
YELL0112	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/29/76-07/29/76	0	1	
YELL0115	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/29/79-08/29/79	0	2	
YELL0116	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/19/76-10/07/76	0	2	
YELL0120	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/27/74-08/07/84	10	6	
YELL0121	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/06/79-08/23/82	2	8	
YELL0126	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/15/79-08/15/79	0	1	
YELL0129	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/04/83-08/04/83	0	1	
YELL0133	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/30/77-08/30/77	0	1	
YELL0134	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/22/80-08/22/80	0	1	
YELL0135	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	05/24/78-09/27/84	6	21	
YELL0146	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/15/78-08/07/85	6	4	
YELL0156	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	05/24/78-09/27/84	6	22	
YELL0157	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/12/79-08/12/79	0	1	
YELL0158	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/12/79-08/12/79	0	1	
YELL0168	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/01/77-09/01/77	0	1	
YELL0169	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	10/12/79-10/12/79	0	1	
YELL0174	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/07/79-08/07/79	0	1	
YELL0177	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	10/16/79-07/18/81	1	2	
YELL0189	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	06/30/76-06/30/76	0	1	
YELL0194	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/26/77-08/26/77	0	1	
YELL0207	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/18/75-08/18/75	0	1	
YELL0209	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	10/12/79-10/12/79	0	1	
YELL0219	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/18/75-08/18/75	0	1	
YELL0220	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/23/78-08/23/78	0	1	
YELL0221	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/23/78-08/23/78	0	1	
YELL0223	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/23/78-08/23/78	0	1	
YELL0227	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/15/75-08/15/75	0	1	
YELL0228	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/16/75-08/16/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0229	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/23/78-08/23/78	0	2	
YELL0230	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/23/78-08/23/78	0	1	
YELL0234	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/12/75-08/12/75	0	1	
YELL0235	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/28/79-08/28/79	0	1	
YELL0242	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/24/77-08/24/77	0	1	
YELL0245	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/13/74-07/31/80	5	3	
YELL0263	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/22/75-08/22/75	0	1	
YELL0264	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/07/83-09/07/83	0	1	
YELL0267	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/11/75-08/11/75	0	1	
YELL0270	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/17/78-08/17/78	0	1	
YELL0271	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	10/16/79-10/16/79	0	1	
YELL0272	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/05/74-09/05/74	0	1	
YELL0289	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/13/74-09/13/74	0	1	
YELL0290	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/27/76-07/27/76	0	1	
YELL0291	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	10/26/79-10/26/79	0	1	
YELL0296	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/28/78-08/29/78	0	2	
YELL0297	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/30/78-08/30/78	0	1	
YELL0301	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/14/80-08/14/80	0	1	
YELL0305	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/01/79-09/01/79	0	1	
YELL0310	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/17/77-08/17/77	0	1	
YELL0337	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/06/75-08/06/75	0	1	
YELL0341	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/15/74-09/15/74	0	1	
YELL0352	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/04/77-08/04/77	0	1	
YELL0353	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/03/77-08/03/77	0	1	
YELL0365	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/25/74-07/25/74	0	1	
YELL0366	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/25/83-07/25/83	0	1	
YELL0367	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/03/76-08/03/76	0	1	
YELL0368	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/30/75-07/30/75	0	1	
YELL0373	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/26/75-09/26/75	0	1	
YELL0382	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/04/76-08/04/76	0	1	
YELL0383	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/18/74-09/18/74	0	1	
YELL0384	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/30/79-08/30/79	0	1	
YELL0398	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/17/75-07/17/75	0	1	
YELL0402	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/05/76-08/05/76	0	1	
YELL0403	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/10/75-07/10/75	0	1	
YELL0404	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/16/75-07/16/75	0	1	
YELL0412	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/23/74-07/23/74	0	1	
YELL0413	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/20/74-09/20/74	0	1	
YELL0427	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/01/79-09/01/79	0	1	
YELL0428	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/01/79-09/01/79	0	1	
YELL0429	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/01/79-09/01/79	0	1	
YELL0204	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/06/88-11/03/88	0	2	
YELL0218	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/06/88-08/11/89	0	3	
YELL0224	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/14/89-11/16/92	3	17	
YELL0312	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	11/02/88-11/02/88	0	1	
YELL0347	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/08/85-09/10/92	7	41	
YELL0362	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	11/01/88-11/01/88	0	1	
YELL0401	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/04/88-11/01/88	0	2	
YELL0347	Yes	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	05/23/85-05/23/85	0	1	
YELL0347	Yes	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	05/23/85-05/23/85	0	1	
YELL0347	Yes	70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	05/23/85-05/23/85	0	1	
YELL0347	Yes	70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	05/23/85-05/23/85	0	1	
YELL0347	Yes	70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	05/23/85-05/23/85	0	1	
YELL0008	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/31/76-08/31/76	0	1	
YELL0009	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/12/76-08/12/76	0	1	
YELL0017	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/04/88-10/04/88	0	1	
YELL0029	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/20/76-08/20/76	0	1	
YELL0030	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/11/76-08/11/76	0	1	
YELL0038	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-08/26/76	0	1	
YELL0046	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-08/26/76	0	1	
YELL0052	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/17/76-08/17/76	0	1	
YELL0054	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/02/76-09/02/76	0	1	
YELL0065	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/13/78-10/10/85	7	33	
YELL0071	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/08/78-09/08/78	0	1	
YELL0073	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/03/88-10/03/88	0	1	
YELL0076	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/03/88-10/03/88	0	1	
YELL0101	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/19/76-09/30/85	9	9	
YELL0103	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/31/78-09/29/82	4	18	
YELL0108	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/26/77-09/27/84	7	23	
YELL0109	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/19/76-08/21/84	8	36	T,S
YELL0110	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-08/24/76	0	1	
YELL0112	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/29/76-07/29/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0115	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/29/79-08/29/79	0	2	
YELL0116	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/19/76-10/07/76	0	2	
YELL0120	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/27/74-08/07/84	10	5	
YELL0121	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/06/79-08/23/82	2	8	
YELL0126	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/15/79-08/15/79	0	1	
YELL0129	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/04/83	0	1	
YELL0133	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/30/77-08/30/77	0	1	
YELL0134	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/22/80-08/22/80	0	1	
YELL0135	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/24/78-09/27/84	6	22	
YELL0146	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/15/78-08/07/85	6	4	
YELL0156	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/24/78-09/27/84	6	22	
YELL0157	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/12/79-08/12/79	0	1	
YELL0158	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/12/79-08/12/79	0	1	
YELL0168	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/01/77-09/01/77	0	1	
YELL0169	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/12/79-10/12/79	0	1	
YELL0174	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/07/79-08/07/79	0	1	
YELL0177	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/79-07/18/81	1	2	
YELL0189	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/30/76-06/30/76	0	1	
YELL0194	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/77-08/26/77	0	1	
YELL0204	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/06/88-11/03/88	0	2	
YELL0207	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/18/75-08/18/75	0	1	
YELL0209	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/12/79-10/12/79	0	1	
YELL0218	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/06/88-11/03/88	0	2	
YELL0219	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/18/75-08/18/75	0	1	
YELL0220	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0221	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0223	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0227	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/15/75-08/15/75	0	1	
YELL0228	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/16/75-08/16/75	0	1	
YELL0229	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	0	2	
YELL0230	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	0	1	
YELL0234	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/12/75-08/12/75	0	1	
YELL0235	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/28/79-08/28/79	0	1	
YELL0242	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/77-08/24/77	0	1	
YELL0245	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/13/74-07/31/80	5	3	
YELL0260	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/21/73-06/23/76	3	5	
YELL0263	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/22/75-08/22/75	0	1	
YELL0264	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/07/83-09/07/83	0	1	
YELL0267	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/11/75-08/11/75	0	1	
YELL0270	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/17/78-08/17/78	0	1	
YELL0271	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/79-10/16/79	0	1	
YELL0272	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/05/74-09/05/74	0	1	
YELL0281	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/21/73-06/23/76	3	5	
YELL0286	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/21/73-06/23/76	3	5	
YELL0289	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/13/74-09/13/74	0	1	
YELL0290	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/27/76-07/27/76	0	1	
YELL0291	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/26/79-10/26/79	0	1	
YELL0296	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/28/78-08/29/78	0	2	
YELL0297	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/30/78-08/30/78	0	1	
YELL0301	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/14/80-08/14/80	0	1	
YELL0305	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0310	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/17/77-08/17/77	0	1	
YELL0312	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/02/88-11/02/88	0	1	
YELL0325	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/12/74-07/12/74	0	1	
YELL0337	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/75-08/06/75	0	1	
YELL0341	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/15/74-09/15/74	0	1	
YELL0343	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/76-03/16/76	0	1	
YELL0347	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/05/88-11/02/88	0	2	
YELL0352	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/77-08/04/77	0	1	
YELL0353	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/03/77-08/03/77	0	1	
YELL0357	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/24/75-07/24/75	0	1	
YELL0362	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/01/88-11/01/88	0	1	
YELL0365	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/25/74-07/25/74	0	1	
YELL0366	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/25/83-07/25/83	0	1	
YELL0367	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/03/76-08/03/76	0	1	
YELL0368	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/30/75-07/30/75	0	1	
YELL0373	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/26/75-09/26/75	0	1	
YELL0382	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/76-08/04/76	0	1	
YELL0383	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/18/74-09/18/74	0	1	
YELL0384	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/30/79-08/30/79	0	1	
YELL0398	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/17/75-07/17/75	0	1	
YELL0401	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/04/88-11/01/88	0	2	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0402	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/05/76-08/05/76	0	1	
YELL0403	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/10/75-07/10/75	0	1	
YELL0404	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/16/75-07/16/75	0	1	
YELL0412	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/23/74-07/23/74	0	1	
YELL0413	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/20/74-09/20/74	0	1	
YELL0419	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/26/78-07/18/78	0	3	
YELL0427	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0428	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0429	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/01/79-09/01/79	0	1	
YELL0430	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/22/92-04/22/92	0	1	
YELL0442	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/22/91-08/22/91	0	1	
YELL0136	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	06/11/68-06/11/68	0	1	
YELL0008	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/31/76-08/31/76	0	1	
YELL0009	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/12/76-08/12/76	0	1	
YELL0029	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/20/76-08/20/76	0	1	
YELL0030	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/11/76-08/11/76	0	1	
YELL0038	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/26/76-08/26/76	0	1	
YELL0046	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/26/76-08/26/76	0	1	
YELL0052	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/17/76-08/17/76	0	1	
YELL0054	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/02/76-09/02/76	0	1	
YELL0065	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/13/78-10/10/85	7	35	
YELL0071	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/08/78-09/08/78	0	1	
YELL0101	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/19/76-09/30/85	9	9	
YELL0103	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/31/78-09/11/84	6	19	
YELL0108	Yes	71830	HYDROXIDE ION (MG/L AS OH)	05/26/77-09/27/84	7	23	
YELL0109	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/24/76-08/24/76	0	1	
YELL0112	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/29/76-07/29/76	0	1	
YELL0115	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/29/79-08/29/79	0	2	
YELL0116	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/19/76-10/07/76	0	2	
YELL0120	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/27/74-08/07/84	10	6	
YELL0121	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/06/79-08/23/82	2	8	
YELL0126	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/15/79-08/15/79	0	1	
YELL0129	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/04/83-08/04/83	0	1	
YELL0133	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/30/77-08/30/77	0	1	
YELL0134	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/22/80-08/22/80	0	1	
YELL0135	Yes	71830	HYDROXIDE ION (MG/L AS OH)	05/24/78-09/27/84	6	21	
YELL0146	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/15/78-08/07/85	6	4	
YELL0156	Yes	71830	HYDROXIDE ION (MG/L AS OH)	05/24/78-09/27/84	6	22	
YELL0157	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/12/79-08/12/79	0	1	
YELL0158	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/12/79-08/12/79	0	1	
YELL0168	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/01/77-09/01/77	0	1	
YELL0169	Yes	71830	HYDROXIDE ION (MG/L AS OH)	10/12/79-10/12/79	0	1	
YELL0174	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/07/79-08/07/79	0	1	
YELL0177	Yes	71830	HYDROXIDE ION (MG/L AS OH)	10/16/79-07/18/81	1	2	
YELL0189	Yes	71830	HYDROXIDE ION (MG/L AS OH)	06/30/76-06/30/76	0	1	
YELL0194	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/26/77-08/26/77	0	1	
YELL0207	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/18/75-08/18/75	0	1	
YELL0209	Yes	71830	HYDROXIDE ION (MG/L AS OH)	10/12/79-10/12/79	0	1	
YELL0219	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/18/75-08/18/75	0	1	
YELL0220	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/23/78-08/23/78	0	1	
YELL0221	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/23/78-08/23/78	0	1	
YELL0223	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/23/78-08/23/78	0	1	
YELL0227	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/15/75-08/15/75	0	1	
YELL0228	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/16/75-08/16/75	0	1	
YELL0229	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/23/78-08/23/78	0	2	
YELL0230	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/23/78-08/23/78	0	1	
YELL0234	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/12/75-08/12/75	0	1	
YELL0235	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/28/79-08/28/79	0	1	
YELL0242	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/24/77-08/24/77	0	1	
YELL0245	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/13/74-07/31/80	5	3	
YELL0263	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/22/75-08/22/75	0	1	
YELL0264	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/07/83-09/07/83	0	1	
YELL0267	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/11/75-08/11/75	0	1	
YELL0270	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/17/78-08/17/78	0	1	
YELL0271	Yes	71830	HYDROXIDE ION (MG/L AS OH)	10/16/79-10/16/79	0	1	
YELL0272	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/05/74-09/05/74	0	1	
YELL0289	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/13/74-09/13/74	0	1	
YELL0290	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/27/76-07/27/76	0	1	
YELL0291	Yes	71830	HYDROXIDE ION (MG/L AS OH)	10/26/79-10/26/79	0	1	
YELL0296	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/28/78-08/29/78	0	2	
YELL0297	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/30/78-08/30/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0301	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/14/80-08/14/80	0	1	
YELL0305	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/01/79-09/01/79	0	1	
YELL0310	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/17/77-08/17/77	0	1	
YELL0325	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/12/74-07/12/74	0	1	
YELL0337	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/06/75-08/06/75	0	1	
YELL0341	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/15/74-09/15/74	0	1	
YELL0352	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/04/77-08/04/77	0	1	
YELL0353	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/03/77-08/03/77	0	1	
YELL0357	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/24/75-07/24/75	0	1	
YELL0365	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/25/74-07/25/74	0	1	
YELL0366	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/25/83-07/25/83	0	1	
YELL0367	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/03/76-08/03/76	0	1	
YELL0368	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/30/75-07/30/75	0	1	
YELL0373	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/26/75-09/26/75	0	1	
YELL0382	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/04/76-08/04/76	0	1	
YELL0383	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/18/74-09/18/74	0	1	
YELL0384	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/30/79-08/30/79	0	1	
YELL0398	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/17/75-07/17/75	0	1	
YELL0402	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/05/76-08/05/76	0	1	
YELL0403	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/10/75-07/10/75	0	1	
YELL0404	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/16/75-07/16/75	0	1	
YELL0412	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/23/74-07/23/74	0	1	
YELL0413	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/20/74-09/20/74	0	1	
YELL0418	No	71830	HYDROXIDE ION (MG/L AS OH)	08/26/71-08/26/71	0	1	
YELL0427	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/01/79-09/01/79	0	1	
YELL0428	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/01/79-09/01/79	0	1	
YELL0429	Yes	71830	HYDROXIDE ION (MG/L AS OH)	09/01/79-09/01/79	0	1	
YELL0431	No	71830	HYDROXIDE ION (MG/L AS OH)	08/24/71-08/24/71	0	1	
YELL0433	No	71830	HYDROXIDE ION (MG/L AS OH)	08/10/71-08/10/71	0	1	
YELL0436	Yes	71830	HYDROXIDE ION (MG/L AS OH)	08/24/71-08/24/71	0	1	
YELL0439	No	71830	HYDROXIDE ION (MG/L AS OH)	08/10/71-08/10/71	0	1	
YELL0441	No	71830	HYDROXIDE ION (MG/L AS OH)	08/10/71-08/10/71	0	1	
YELL0141	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/03/80-07/28/81	0	2	
YELL0142	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/03/80-07/28/81	0	2	
YELL0184	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/22/81-07/22/81	0	1	
YELL0187	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/22/81-07/22/81	0	1	
YELL0216	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/05/80-07/24/81	0	2	
YELL0217	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/05/80-07/24/81	0	2	
YELL0418	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/26/71-08/26/71	0	1	
YELL0431	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/24/71-08/24/71	0	1	
YELL0432	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/24/71-08/24/71	0	1	
YELL0433	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/10/71-08/10/71	0	1	
YELL0436	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/24/71-08/24/71	0	1	
YELL0439	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/10/71-08/10/71	0	1	
YELL0441	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/10/71-08/10/71	0	1	
YELL0003	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/23/85-09/23/85	0	1	
YELL0018	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/17/70-10/17/70	0	1	
YELL0019	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/17/70-09/17/70	0	1	
YELL0020	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/24/70-06/24/70	0	1	
YELL0021	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/69-08/22/69	0	1	
YELL0022	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/17/70-09/17/70	0	1	
YELL0055	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/18/69-08/18/69	0	1	
YELL0064	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/18/69-08/18/69	0	1	
YELL0069	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/69-10/22/70	1	7	
YELL0079	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/11/69-10/11/69	0	1	
YELL0092	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/11/69-10/11/69	0	1	
YELL0094	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/69-10/10/69	0	1	
YELL0095	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/09/70-09/09/70	0	1	
YELL0096	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/09/70-09/09/70	0	1	
YELL0111	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/10/70-09/10/70	0	1	
YELL0127	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/24/85-09/24/85	0	1	
YELL0131	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/10/70-09/10/70	0	1	
YELL0136	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/11/68-06/11/68	0	1	
YELL0137	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/22/67-10/22/70	3	15	
YELL0138	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/69-10/22/70	1	5	
YELL0143	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/21/69-10/22/70	1	6	
YELL0148	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/69-10/22/70	1	7	
YELL0154	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/16/68-10/19/70	2	9	
YELL0159	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/19/69-10/19/70	1	6	
YELL0165	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/69-10/22/70	1	7	
YELL0166	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/22/70-06/22/70	0	1	
YELL0167	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/16/64-06/16/64	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0172	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/23/85-09/23/85	0	1	
YELL0173	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/68-10/15/68	0	1	
YELL0178	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/13/69-10/13/69	0	1	
YELL0181	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/13/69-10/13/69	0	1	
YELL0183	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/19/70-10/19/70	0	1	
YELL0185	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/69-08/19/69	0	1	
YELL0186	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/69-08/19/69	0	1	
YELL0190	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/18/67-10/22/70	3	9	
YELL0192	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/69-08/19/69	0	1	
YELL0205	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/67-08/22/67	0	1	
YELL0213	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/11/68-06/11/68	0	1	
YELL0214	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/16/68-10/21/70	2	8	
YELL0215	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/13/68-09/13/68	0	1	
YELL0240	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/24/85-09/24/85	0	1	
YELL0255	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/19/67-09/19/67	0	1	
YELL0256	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/23/69-07/23/69	0	1	
YELL0257	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/23/69-07/23/69	0	1	
YELL0258	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/23/69-06/23/69	0	1	
YELL0259	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/19/67-09/19/67	0	1	
YELL0266	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/67-10/19/70	3	9	
YELL0273	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/23/69-07/23/69	0	1	
YELL0274	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/67-08/27/69	2	3	
YELL0276	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/24/85-09/24/85	0	1	
YELL0278	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/29/68-07/29/68	0	1	
YELL0279	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/29/68-07/29/68	0	1	
YELL0280	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/23/69-07/23/69	0	1	
YELL0287	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/22/69-07/22/69	0	1	
YELL0298	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/25/85-09/25/85	0	1	
YELL0299	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/69-07/24/69	0	1	
YELL0306	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/17/69-07/17/69	0	1	
YELL0313	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/24/69-06/24/69	0	1	
YELL0314	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/18/70-09/18/70	0	1	
YELL0320	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/14/68-08/14/68	0	1	
YELL0321	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/68-10/21/70	2	7	
YELL0322	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/14/68-08/14/68	0	1	
YELL0329	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/17/69-07/17/69	0	1	
YELL0330	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/21/69-08/21/69	0	1	
YELL0331	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/21/68-05/21/68	0	1	
YELL0338	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/21/69-08/21/69	0	1	
YELL0342	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/20/69-10/20/70	1	7	
YELL0344	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/21/69-08/21/69	0	1	
YELL0346	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/69-10/21/70	1	7	
YELL0347	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/12/70-10/20/70	0	3	
YELL0348	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/17/67-08/13/68	1	4	
YELL0349	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/20/67-08/13/68	0	2	
YELL0350	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/13/68-04/13/70	1	2	
YELL0359	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/26/67-10/21/70	3	17	
YELL0360	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/17/68-10/21/70	2	11	
YELL0361	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/20/69-10/20/70	1	7	
YELL0372	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/23/70-06/23/70	0	1	
YELL0374	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/23/70-06/23/70	0	1	
YELL0376	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/13/68-08/13/68	0	1	
YELL0377	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/69-08/22/69	0	1	
YELL0378	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/69-08/22/69	0	1	
YELL0379	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/23/70-06/23/70	0	1	
YELL0380	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/13/68-10/20/70	2	8	
YELL0381	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/23/85-09/23/85	0	1	
YELL0387	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/23/68-05/23/68	0	1	
YELL0400	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/67-05/11/67	0	1	
YELL0410	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/20/68-09/20/68	0	1	
YELL0444	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/17/85-09/17/85	0	1	
YELL0167	Yes	71870	BROMIDE (MG/L AS BR)	06/16/64-06/16/64	0	1	
YELL0065	Yes	71875	HYDROGEN SULFIDE (MG/L)	06/04/83-10/10/85	2	8	
YELL0101	Yes	71875	HYDROGEN SULFIDE (MG/L)	06/12/85-09/30/85	0	4	
YELL0103	Yes	71875	HYDROGEN SULFIDE (MG/L)	09/11/84-09/11/84	0	1	
YELL0108	Yes	71875	HYDROGEN SULFIDE (MG/L)	09/27/84-09/27/84	0	1	
YELL0109	Yes	71875	HYDROGEN SULFIDE (MG/L)	06/20/84-09/13/84	0	4	
YELL0120	Yes	71875	HYDROGEN SULFIDE (MG/L)	08/07/84-08/07/84	0	1	
YELL0129	Yes	71875	HYDROGEN SULFIDE (MG/L)	08/04/83-08/04/83	0	1	
YELL0135	Yes	71875	HYDROGEN SULFIDE (MG/L)	09/27/84-09/27/84	0	1	
YELL0146	Yes	71875	HYDROGEN SULFIDE (MG/L)	07/19/84-08/07/85	1	2	
YELL0156	Yes	71875	HYDROGEN SULFIDE (MG/L)	09/27/84-09/27/84	0	1	

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Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0008	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/31/76-08/31/76	0	1	
YELL0009	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/12/76-08/12/76	0	1	
YELL0029	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/20/76-08/20/76	0	1	
YELL0030	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/11/76-08/11/76	0	1	
YELL0038	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/26/76-08/26/76	0	1	
YELL0046	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/26/76-08/26/76	0	1	
YELL0052	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/17/76-08/17/76	0	1	
YELL0054	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/02/76-09/02/76	0	1	
YELL0065	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/13/78-10/10/85	7	35	
YELL0071	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/08/78-09/08/78	0	1	
YELL0101	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/19/76-09/30/85	9	9	
YELL0103	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/31/78-09/11/84	6	19	
YELL0108	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	05/26/77-09/27/84	7	23	
YELL0109	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/24/76-08/24/76	0	1	
YELL0112	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/29/76-07/29/76	0	1	
YELL0115	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/29/79-08/29/79	0	2	
YELL0116	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/19/76-10/07/76	0	2	
YELL0120	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/27/74-08/07/84	10	6	
YELL0121	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/06/79-08/23/82	2	8	
YELL0126	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/15/79-08/15/79	0	1	
YELL0129	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/04/83-08/04/83	0	1	
YELL0133	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/30/77-08/30/77	0	1	
YELL0134	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/22/80-08/22/80	0	1	
YELL0135	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	05/24/78-09/27/84	6	22	
YELL0146	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/15/78-08/07/85	6	4	
YELL0156	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	05/24/78-09/27/84	6	22	
YELL0157	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/12/79-08/12/79	0	1	
YELL0158	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/12/79-08/12/79	0	1	
YELL0168	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/01/77-09/01/77	0	1	
YELL0169	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/12/79-10/12/79	0	1	
YELL0174	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/07/79-08/07/79	0	1	
YELL0177	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/16/79-07/18/81	1	2	
YELL0189	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	06/30/76-06/30/76	0	1	
YELL0194	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/26/77-08/26/77	0	1	
YELL0207	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/18/75-08/18/75	0	1	
YELL0209	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/12/79-10/12/79	0	1	
YELL0219	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/18/75-08/18/75	0	1	
YELL0220	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/23/78-08/23/78	0	1	
YELL0221	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/23/78-08/23/78	0	1	
YELL0223	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/23/78-08/23/78	0	1	
YELL0227	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/15/75-08/15/75	0	1	
YELL0228	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/16/75-08/16/75	0	1	
YELL0229	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/23/78-08/23/78	0	2	
YELL0230	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/23/78-08/23/78	0	1	
YELL0234	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/12/75-08/12/75	0	1	
YELL0235	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/28/79-08/28/79	0	1	
YELL0242	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/24/77-08/24/77	0	1	
YELL0245	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/13/74-07/31/80	5	3	
YELL0263	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/22/75-08/22/75	0	1	
YELL0264	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/07/83-09/07/83	0	1	
YELL0267	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/11/75-08/11/75	0	1	
YELL0270	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/17/78-08/17/78	0	1	
YELL0271	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/16/79-10/16/79	0	1	
YELL0272	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/05/74-09/05/74	0	1	
YELL0289	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/13/74-09/13/74	0	1	
YELL0290	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/27/76-07/27/76	0	1	
YELL0291	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/26/79-10/26/79	0	1	
YELL0296	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/28/78-08/29/78	0	2	
YELL0297	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/30/78-08/30/78	0	1	
YELL0301	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/14/80-08/14/80	0	1	
YELL0305	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/01/79-09/01/79	0	1	
YELL0310	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/17/77-08/17/77	0	1	
YELL0325	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/12/74-07/12/74	0	1	
YELL0337	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/06/75-08/06/75	0	1	
YELL0341	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/15/74-09/15/74	0	1	
YELL0352	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/04/77-08/04/77	0	1	
YELL0353	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/03/77-08/03/77	0	1	
YELL0357	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/24/75-07/24/75	0	1	
YELL0365	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/25/74-07/25/74	0	1	
YELL0366	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/25/83-07/25/83	0	1	
YELL0367	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/03/76-08/03/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0368	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/30/75-07/30/75	0	1	
YELL0373	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/26/75-09/26/75	0	1	
YELL0382	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/04/76-08/04/76	0	1	
YELL0383	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/18/74-09/18/74	0	1	
YELL0384	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/30/79-08/30/79	0	1	
YELL0398	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/17/75-07/17/75	0	1	
YELL0402	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/05/76-08/05/76	0	1	
YELL0403	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/10/75-07/10/75	0	1	
YELL0404	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/16/75-07/16/75	0	1	
YELL0412	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/23/74-07/23/74	0	1	
YELL0413	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/20/74-09/20/74	0	1	
YELL0427	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/01/79-09/01/79	0	1	
YELL0428	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/01/79-09/01/79	0	1	
YELL0429	Yes	71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/01/79-09/01/79	0	1	
YELL0003	No	71885	IRON (UG/L AS FE)	09/23/85-09/23/85	0	1	
YELL0127	Yes	71885	IRON (UG/L AS FE)	09/24/85-09/24/85	0	1	
YELL0137	Yes	71885	IRON (UG/L AS FE)	06/22/67-08/18/67	0	2	
YELL0167	Yes	71885	IRON (UG/L AS FE)	06/16/64-06/16/64	0	1	
YELL0172	Yes	71885	IRON (UG/L AS FE)	09/23/85-09/23/85	0	1	
YELL0190	Yes	71885	IRON (UG/L AS FE)	08/18/67-08/18/67	0	1	
YELL0205	Yes	71885	IRON (UG/L AS FE)	08/22/67-08/22/67	0	1	
YELL0240	Yes	71885	IRON (UG/L AS FE)	09/24/85-09/24/85	0	1	
YELL0255	Yes	71885	IRON (UG/L AS FE)	09/19/67-09/19/67	0	1	
YELL0266	Yes	71885	IRON (UG/L AS FE)	08/22/67-08/22/67	0	1	
YELL0274	Yes	71885	IRON (UG/L AS FE)	08/22/67-08/22/67	0	1	
YELL0276	Yes	71885	IRON (UG/L AS FE)	09/24/85-09/24/85	0	1	
YELL0298	Yes	71885	IRON (UG/L AS FE)	09/25/85-09/25/85	0	1	
YELL0348	Yes	71885	IRON (UG/L AS FE)	06/17/67-06/17/67	0	1	
YELL0359	Yes	71885	IRON (UG/L AS FE)	08/23/67-09/20/67	0	2	
YELL0381	Yes	71885	IRON (UG/L AS FE)	09/23/85-09/23/85	0	1	
YELL0418	No	71885	IRON (UG/L AS FE)	08/26/71-08/26/71	0	1	
YELL0431	No	71885	IRON (UG/L AS FE)	08/24/71-08/24/71	0	1	
YELL0432	No	71885	IRON (UG/L AS FE)	08/24/71-08/24/71	0	1	
YELL0433	No	71885	IRON (UG/L AS FE)	08/10/71-08/10/71	0	1	
YELL0436	Yes	71885	IRON (UG/L AS FE)	08/24/71-08/24/71	0	1	
YELL0439	No	71885	IRON (UG/L AS FE)	08/10/71-08/10/71	0	1	
YELL0441	No	71885	IRON (UG/L AS FE)	08/10/71-08/10/71	0	1	
YELL0444	No	71885	IRON (UG/L AS FE)	09/17/85-09/17/85	0	1	
YELL0141	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/29/79-07/28/81	1	3	
YELL0142	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/29/79-07/28/81	1	3	
YELL0179	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/22/79-08/22/79	0	1	
YELL0184	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/22/81-07/22/81	0	1	
YELL0187	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/22/79-07/22/81	1	2	
YELL0216	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/24/79-07/24/81	1	3	
YELL0217	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/24/79-07/24/81	1	3	
YELL0017	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/04/88-10/04/88	0	1	
YELL0073	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/03/88-10/03/88	0	1	
YELL0076	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/03/88-10/03/88	0	1	
YELL0153	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	03/05/71-03/05/71	0	1	
YELL0193	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	03/05/71-03/05/71	0	1	
YELL0224	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	03/05/71-03/05/71	0	1	
YELL0400	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	03/03/71-03/03/71	0	1	
YELL0420	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	03/03/71-03/03/71	0	1	
YELL0425	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	03/04/72-03/04/72	0	1	
YELL0004	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/23/91-07/23/91	0	2	
YELL0005	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/23/91-07/23/91	0	1	
YELL0260	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/30/75-05/25/76	0	2	
YELL0281	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/30/75-05/25/76	0	2	
YELL0286	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/30/75-05/25/76	0	2	
YELL0419	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	01/26/78-01/26/78	0	1	
YELL0003	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/23/85-09/23/85	0	1	
YELL0127	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/24/85-09/24/85	0	1	
YELL0172	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/23/85-09/23/85	0	1	
YELL0240	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/24/85-09/24/85	0	1	
YELL0276	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/24/85-09/24/85	0	1	
YELL0298	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/25/85-09/25/85	0	1	
YELL0381	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/23/85-09/23/85	0	1	
YELL0444	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/17/85-09/17/85	0	1	
YELL0005	No	73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	07/23/91-07/23/91	0	1	
YELL0008	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/31/76-08/31/76	0	1	
YELL0009	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/12/76-08/12/76	0	1	
YELL0029	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/20/76-08/20/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0030	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/11/76-08/11/76	0	1	
YELL0038	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/26/76-08/26/76	0	1	
YELL0046	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/26/76-08/26/76	0	1	
YELL0052	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/17/76-08/17/76	0	1	
YELL0054	Yes	74010	IRON, TOTAL (MG/L AS FE)	09/02/76-09/02/76	0	1	
YELL0065	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/13/78-10/10/85	7	35	
YELL0071	Yes	74010	IRON, TOTAL (MG/L AS FE)	09/08/78-09/08/78	0	1	
YELL0101	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/19/76-09/30/85	9	9	
YELL0103	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/31/78-09/11/84	6	19	
YELL0108	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/26/77-09/27/84	7	23	
YELL0109	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/24/76-08/24/76	0	1	
YELL0112	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/29/76-07/29/76	0	1	
YELL0115	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/29/79-08/29/79	0	2	
YELL0116	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/19/76-10/07/76	0	2	
YELL0120	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/27/74-08/07/84	10	6	
YELL0121	Yes	74010	IRON, TOTAL (MG/L AS FE)	09/06/79-08/23/82	2	8	
YELL0126	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/15/79-08/15/79	0	1	
YELL0129	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/04/83-08/04/83	0	1	
YELL0133	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/30/77-08/30/77	0	1	
YELL0134	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/22/80-08/22/80	0	1	
YELL0135	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/24/78-09/27/84	6	21	
YELL0146	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/15/78-08/07/85	6	4	
YELL0156	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/24/78-09/27/84	6	22	
YELL0157	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/12/79-08/12/79	0	1	
YELL0158	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/12/79-08/12/79	0	1	
YELL0168	Yes	74010	IRON, TOTAL (MG/L AS FE)	09/01/77-09/01/77	0	1	
YELL0169	Yes	74010	IRON, TOTAL (MG/L AS FE)	10/12/79-10/12/79	0	1	
YELL0174	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/07/79-08/07/79	0	1	
YELL0177	Yes	74010	IRON, TOTAL (MG/L AS FE)	10/16/79-07/18/81	1	2	
YELL0189	Yes	74010	IRON, TOTAL (MG/L AS FE)	06/30/76-06/30/76	0	1	
YELL0194	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/26/77-08/26/77	0	1	
YELL0207	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/18/75-08/18/75	0	1	
YELL0209	Yes	74010	IRON, TOTAL (MG/L AS FE)	10/12/79-10/12/79	0	1	
YELL0219	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/18/75-08/18/75	0	1	
YELL0220	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/23/78-08/23/78	0	1	
YELL0221	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/23/78-08/23/78	0	1	
YELL0223	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/23/78-08/23/78	0	1	
YELL0227	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/15/75-08/15/75	0	1	
YELL0228	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/16/75-08/16/75	0	1	
YELL0229	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/23/78-08/23/78	0	2	
YELL0230	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/23/78-08/23/78	0	1	
YELL0234	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/12/75-08/12/75	0	1	
YELL0235	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/28/79-08/28/79	0	1	
YELL0242	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/24/77-08/24/77	0	1	
YELL0245	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/13/74-07/31/80	5	3	
YELL0263	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/22/75-08/22/75	0	1	
YELL0264	Yes	74010	IRON, TOTAL (MG/L AS FE)	09/07/83-09/07/83	0	1	
YELL0267	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/11/75-08/11/75	0	1	
YELL0270	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/17/78-08/17/78	0	1	
YELL0271	Yes	74010	IRON, TOTAL (MG/L AS FE)	10/16/79-10/16/79	0	1	
YELL0272	Yes	74010	IRON, TOTAL (MG/L AS FE)	09/05/74-09/05/74	0	1	
YELL0289	Yes	74010	IRON, TOTAL (MG/L AS FE)	09/13/74-09/13/74	0	1	
YELL0290	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/27/76-07/27/76	0	1	
YELL0291	Yes	74010	IRON, TOTAL (MG/L AS FE)	10/26/79-10/26/79	0	1	
YELL0296	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/28/78-08/29/78	0	2	
YELL0297	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/30/78-08/30/78	0	1	
YELL0301	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/14/80-08/14/80	0	1	
YELL0305	Yes	74010	IRON, TOTAL (MG/L AS FE)	09/01/79-09/01/79	0	1	
YELL0310	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/17/77-08/17/77	0	1	
YELL0325	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/12/74-07/12/74	0	1	
YELL0337	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/06/75-08/06/75	0	1	
YELL0341	Yes	74010	IRON, TOTAL (MG/L AS FE)	09/15/74-09/15/74	0	1	
YELL0352	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/04/77-08/04/77	0	1	
YELL0353	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/03/77-08/03/77	0	1	
YELL0357	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/24/75-07/24/75	0	1	
YELL0365	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/25/74-07/25/74	0	1	
YELL0366	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/25/83-07/25/83	0	1	
YELL0367	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/03/76-08/03/76	0	1	
YELL0368	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/30/75-07/30/75	0	1	
YELL0373	Yes	74010	IRON, TOTAL (MG/L AS FE)	09/26/75-09/26/75	0	1	
YELL0382	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/04/76-08/04/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0383	Yes	74010	IRON, TOTAL (MG/L AS FE)	09/18/74-09/18/74	0	1	
YELL0384	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/30/79-08/30/79	0	1	
YELL0398	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/17/75-07/17/75	0	1	
YELL0402	Yes	74010	IRON, TOTAL (MG/L AS FE)	08/05/76-08/05/76	0	1	
YELL0403	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/10/75-07/10/75	0	1	
YELL0404	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/16/75-07/16/75	0	1	
YELL0412	Yes	74010	IRON, TOTAL (MG/L AS FE)	07/23/74-07/23/74	0	1	
YELL0413	Yes	74010	IRON, TOTAL (MG/L AS FE)	09/20/74-09/20/74	0	1	
YELL0427	Yes	74010	IRON, TOTAL (MG/L AS FE)	09/01/79-09/01/79	0	1	
YELL0428	Yes	74010	IRON, TOTAL (MG/L AS FE)	09/01/79-09/01/79	0	1	
YELL0429	Yes	74010	IRON, TOTAL (MG/L AS FE)	09/01/79-09/01/79	0	1	
YELL0095	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/12/77-07/28/79	1	6	
YELL0137	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/21/69-10/22/70	1	6	
YELL0204	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/06/88-11/03/88	0	2	
YELL0218	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/06/88-08/11/89	0	3	
YELL0224	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/14/89-11/16/92	3	17	
YELL0312	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/02/88-11/02/88	0	1	
YELL0321	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/21/69-10/21/70	1	6	
YELL0347	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/08/85-09/10/92	7	44	
YELL0359	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/20/69-10/21/70	1	7	
YELL0360	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/20/69-10/21/70	1	7	
YELL0362	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/01/88-11/01/88	0	1	
YELL0401	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/04/88-11/01/88	0	2	
YELL0095	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/11/78-07/28/79	1	4	
YELL0137	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/21/69-10/22/70	1	6	
YELL0321	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/21/69-10/21/70	1	6	
YELL0359	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/20/69-10/21/70	1	7	
YELL0360	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/20/69-10/21/70	1	7	
YELL0003	No	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/23/85-09/23/85	0	1	
YELL0127	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/24/85-09/24/85	0	1	
YELL0172	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/23/85-09/23/85	0	1	
YELL0240	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/24/85-09/24/85	0	1	
YELL0276	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/24/85-09/24/85	0	1	
YELL0298	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/25/85-09/25/85	0	1	
YELL0381	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/23/85-09/23/85	0	1	
YELL0444	No	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/17/85-09/17/85	0	1	
YELL0184	Yes	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/22/81-07/22/81	0	1	
YELL0187	Yes	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/22/81-07/22/81	0	1	
YELL0216	Yes	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/24/81-07/24/81	0	1	
YELL0217	Yes	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/24/81-07/24/81	0	1	
YELL0003	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/23/85-09/23/85	0	1	
YELL0008	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/31/76-08/31/76	0	1	
YELL0009	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/12/76-08/12/76	0	1	
YELL0029	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/20/76-08/20/76	0	1	
YELL0030	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/11/76-08/11/76	0	1	
YELL0038	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/26/76-08/26/76	0	1	
YELL0046	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/26/76-08/26/76	0	1	
YELL0052	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/17/76-08/17/76	0	1	
YELL0054	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/02/76-09/02/76	0	1	
YELL0065	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/13/78-10/10/85	7	35	
YELL0071	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/08/78-09/08/78	0	1	
YELL0101	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/19/76-09/30/85	9	9	
YELL0103	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/31/78-09/11/84	6	19	
YELL0108	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/26/77-09/27/84	7	23	
YELL0109	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/19/76-09/13/84	8	38	T,S
YELL0110	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/24/76-08/24/76	0	1	
YELL0112	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/29/76-07/29/76	0	1	
YELL0115	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/29/79-08/29/79	0	2	
YELL0116	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/19/76-10/07/76	0	2	
YELL0120	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/24/79-08/07/84	4	5	
YELL0121	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/06/79-08/23/82	2	8	
YELL0126	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/15/79-08/15/79	0	1	
YELL0127	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/24/85-09/24/85	0	1	
YELL0129	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/04/83-08/04/83	0	1	
YELL0133	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/30/77-08/30/77	0	1	
YELL0134	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/22/80-08/22/80	0	1	
YELL0135	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/24/78-09/27/84	6	22	
YELL0146	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/15/78-08/07/85	6	4	
YELL0156	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/24/78-09/27/84	6	22	
YELL0157	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/12/79-08/12/79	0	1	
YELL0158	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/12/79-08/12/79	0	1	
YELL0168	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/01/77-09/01/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/11/51 To 01/12/93

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
YELL0169	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/79-10/12/79	0	1	
YELL0172	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/23/85-09/23/85	0	1	
YELL0174	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/07/79-08/07/79	0	1	
YELL0177	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/16/79-07/18/81	1	2	
YELL0189	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/30/76-06/30/76	0	1	
YELL0194	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/26/77-08/26/77	0	1	
YELL0209	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/79-10/12/79	0	1	
YELL0220	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/23/78-08/23/78	0	1	
YELL0221	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/23/78-08/23/78	0	1	
YELL0223	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/23/78-08/23/78	0	1	
YELL0229	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/23/78-08/23/78	0	2	
YELL0230	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/23/78-08/23/78	0	1	
YELL0235	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/28/79-08/28/79	0	1	
YELL0240	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/24/85-09/24/85	0	1	
YELL0242	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/24/77-08/24/77	0	1	
YELL0245	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/16/79-07/31/80	0	2	
YELL0264	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/07/83-09/07/83	0	1	
YELL0270	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/17/78-08/17/78	0	1	
YELL0271	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/16/79-10/16/79	0	1	
YELL0276	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/24/85-09/24/85	0	1	
YELL0290	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/27/76-07/27/76	0	1	
YELL0291	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/79-10/26/79	0	1	
YELL0296	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/28/78-08/29/78	0	2	
YELL0297	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/30/78-08/30/78	0	1	
YELL0298	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/25/85-09/25/85	0	1	
YELL0301	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/14/80-08/14/80	0	1	
YELL0305	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/01/79-09/01/79	0	1	
YELL0310	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/17/77-08/17/77	0	1	
YELL0352	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/04/77-08/04/77	0	1	
YELL0353	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/03/77-08/03/77	0	1	
YELL0366	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/25/83-07/25/83	0	1	
YELL0367	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/03/76-08/03/76	0	1	
YELL0373	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/26/75-09/26/75	0	1	
YELL0381	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/23/85-09/23/85	0	1	
YELL0382	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/04/76-08/04/76	0	1	
YELL0384	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/30/79-08/30/79	0	1	
YELL0402	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/05/76-08/05/76	0	1	
YELL0427	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/01/79-09/01/79	0	1	
YELL0428	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/01/79-09/01/79	0	1	
YELL0429	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/01/79-09/01/79	0	1	
YELL0444	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/17/85-09/17/85	0	1	

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

Station-By-Station Results

Station Inventory for Station: YELL0001

NPS Station ID: YELL0001
LAT/LON: 44.122781/ 111.108059
Agency: 112WRD
Date Created: / /
Location: ROCK CREEK ABOVE WYOMING CREEK
FIPS State/County: 16043 IDAHO/FREMONT
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 13044980
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17040202
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17040202008
RF1 Mile Point: 8.550
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 17040202085500.00
RF3 Mile Point: 0.03
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/08/74-09/13/75	6	10.5	9.917	12.	5.5	5.542	2.354	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/08/74-09/13/75	6	3.	3.333	5.	2.	1.867	1.366	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/08/74-08/29/75	5	67.	68.8	75.	64.	18.2	4.266	**	**	**	**
00400	PH (STANDARD UNITS)	08/08/74-08/29/75	5	8.1	8.02	8.2	7.8	0.027	0.164	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/08/74-08/29/75	5	8.1	7.995	8.2	7.8	0.028	0.167	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/08/74-08/29/75	5	0.008	0.01	0.016	0.006	0.	0.004	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/08/74-08/08/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/08/74-08/08/74	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/08/74-08/08/74	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/08/74-08/08/74	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/08/74-08/08/74	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/08/74-08/08/74	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/08/74-08/08/74	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/08/74-08/08/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/08/74-08/08/74	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: YELL0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	5	0	0.00							2	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	5	0	0.00							2	0	0.00	3	0	0.00
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: YELL0002

NPS Station ID: YELL0002
LAT/LON: 44.125837/ 111.088059
Agency: 112WRD
Date Created: 08/23/80
Location: 09N 45E 12BAC1S
FIPS State/County: 16043 IDAHO/FREMONT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 440733111051701
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17040202
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17040202
RF1 Mile Point: 0.000
Distance from RF1: 6.30
On/Off RF1:
RF3 Index: 17040202089700.11
RF3 Mile Point: 0.59
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/74-09/19/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/19/74-09/19/74	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/74-09/19/74	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/74-09/19/74	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/74-09/19/74	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/74-09/19/74	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: YELL0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0003

NPS Station ID: YELL0003
LAT/LON: 44.127781/ 110.808337
Agency: 12WLS1
Date Created: 09/03/88
Location: GRASSY LAKE RESERVOIR
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4D3-021
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17040202
Depth of Water: 85
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17040202
RF1 Mile Point: 0.000
Distance from RF1: 6.70
On/Off RF1:
RF3 Index: 10070001106403.33
RF3 Mile Point: 6.07
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/85-09/23/85	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/23/85-09/23/85	1	5.05	5.05	5.05	5.05	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/23/85-09/23/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/85-09/23/85	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/23/85-09/23/85	1	0.908	0.908	0.908	0.908	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/23/85-09/23/85	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/23/85-09/23/85	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/85-09/23/85	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/23/85-09/23/85	1	158.3	158.3	158.3	158.3	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/23/85-09/23/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/23/85-09/23/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/23/85-09/23/85	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/23/85-09/23/85	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/85-09/23/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/85-09/23/85	1	1.03	1.03	1.03	1.03	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/85-09/23/85	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/23/85-09/23/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/85-09/23/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/85-09/23/85	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/23/85-09/23/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/23/85-09/23/85	1	13.	13.	13.	13.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/23/85-09/23/85	1	1.179	1.179	1.179	1.179	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/23/85-09/23/85	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/23/85-09/23/85	1	4.	4.	4.	4.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/23/85-09/23/85	1	7214.4	7214.4	7214.4	7214.4	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/23/85-09/23/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/23/85-09/23/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0003

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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: YELL0003

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0004

NPS Station ID: YELL0004
LAT/LON: 44.129170/ 110.815004
Agency: 1119USBR
Date Created: 05/19/84
Location: GRASSY LAKE RESERVOIR 100 M ABOVE DAM
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): MIN001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE RIVER
ECO Region:
RF1 Index: 17040203020
RF1 Mile Point: 0.290
Distance from RF1: 1.70
On/Off RF1: ON
RF3 Index: 10070001006102.34
RF3 Mile Point: 2.33
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/91-07/23/91	11	9.5	11.455	16.4	7.4	15.855	3.982	7.42	7.8	16.3	16.4
00068	DEPTH, MAXIMUM, OF SAMPLE (FEET)	07/23/91-07/23/91	11	36.1	36.527	70.5	3.3	502.434	22.415	4.6	16.4	55.8	69.52
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/23/91-07/23/91	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/91-07/23/91	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/23/91-07/23/91	11	182.	182.091	196.	166.	126.691	11.256	166.2	171.	194.	195.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/91-07/23/91	11	20.	20.364	21.	20.	0.255	0.505	20.	20.	21.	21.
00300	OXYGEN, DISSOLVED MG/L	07/23/91-07/23/91	11	7.7	7.955	8.6	7.6	0.173	0.416	7.6	7.6	8.4	8.6
00335	COD, .025N K2CR2O7 MG/L	07/23/91-07/23/91	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/23/91-07/23/91	11	6.9	6.873	7.1	6.6	0.028	0.168	6.62	6.7	7.	7.1
00400	CONVERTED PH (STANDARD UNITS)	07/23/91-07/23/91	11	6.9	6.843	7.1	6.6	0.029	0.171	6.62	6.7	7.	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/91-07/23/91	11	0.126	0.143	0.251	0.079	0.003	0.056	0.079	0.1	0.2	0.241
00440	BICARBONATE ION (MG/L AS HCO3)	07/23/91-07/23/91	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/23/91-07/23/91	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-07/23/91	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/23/91-07/23/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/91-07/23/91	2	0.08	0.08	0.09	0.07	0.	0.014	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/23/91-07/23/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/91-07/23/91	2	0.006	0.006	0.007	0.004	0.	0.002	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/91-07/23/91	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/91-07/23/91	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/23/91-07/23/91	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/23/91-07/23/91	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/23/91-07/23/91	2	1.15	1.15	1.15	1.15	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/23/91-07/23/91	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/23/91-07/23/91	2	0.78	0.78	0.78	0.78	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/91-07/23/91	2 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/23/91-07/23/91	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/23/91-07/23/91	2	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/23/91-07/23/91	2	8.	8.	8.	8.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/91-07/23/91	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/23/91-07/23/91	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/91-07/23/91	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/23/91-07/23/91	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/23/91-07/23/91	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/23/91-07/23/91	2	170.	170.	230.	110.	7200.	84.853	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/23/91-07/23/91	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/91-07/23/91	2	35.	35.	60.	10.	1250.	35.355	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/23/91-07/23/91	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 time series plot

Parameter Inventory for Station: YELL0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	07/23/91-07/23/91	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/23/91-07/23/91	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/23/91-07/23/91	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	07/23/91-07/23/91	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/91-07/23/91	2	18.	18.	18.	18.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/23/91-07/23/91	2 ##	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00							2	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	11	0	0.00							11	0	0.00			
00400	PH	Other-Hi Lim.	9.	11	0	0.00							11	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00							11	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			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	2	0	0.00							2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00							2	0	0.00			
		Drinking Water	50.	2	0	0.00							2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00							2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00							2	0	0.00			
		Drinking Water	1300.	2	0	0.00							2	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00							2	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00							2	0	0.00			
		Drinking Water	50.	2	0	0.00							2	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00							2	0	0.00			
		Drinking Water	2.	2	0	0.00							2	0	0.00			

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

Station Inventory for Station: YELL0005

NPS Station ID: YELL0005
LAT/LON: 44.130559/ 110.819171
Agency: 1119USBR
Date Created: 05/19/84
Location: GRASSY CR AT GRASSY LAKE OUTLET WORKS
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): MIN101
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE RIVER
ECO Region:
RF1 Index: 17040203020
RF1 Mile Point: 0.150
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 17040203002004.11
RF3 Mile Point: 4.11
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/91-07/23/91	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/23/91-07/23/91	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/23/91-07/23/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/23/91-07/23/91	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/91-07/23/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/91-07/23/91	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/23/91-07/23/91	1	102.3	102.3	102.3	102.3	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	07/23/91-07/23/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/23/91-07/23/91	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/23/91-07/23/91	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/91-07/23/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/23/91-07/23/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/23/91-07/23/91	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/91-07/23/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/23/91-07/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/91-07/23/91	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/23/91-07/23/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/91-07/23/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/23/91-07/23/91	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/91-07/23/91	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/23/91-07/23/91	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/23/91-07/23/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/23/91-07/23/91	1	1.15	1.15	1.15	1.15	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/23/91-07/23/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/23/91-07/23/91	1	0.78	0.78	0.78	0.78	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/91-07/23/91	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/23/91-07/23/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/23/91-07/23/91	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/23/91-07/23/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/91-07/23/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/23/91-07/23/91	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/91-07/23/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/23/91-07/23/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/23/91-07/23/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/23/91-07/23/91	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/23/91-07/23/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/91-07/23/91	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/23/91-07/23/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	07/23/91-07/23/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/23/91-07/23/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/23/91-07/23/91	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/91-07/23/91	1	18.	18.	18.	18.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/23/91-07/23/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
73004	NITROGEN + ARGON, DISS. BY GAS SATUROMETER % SAT.	07/23/91-07/23/91	1	108.1	108.1	108.1	108.1	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: YELL0005

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00							1	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
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			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0006

NPS Station ID: YELL0006
LAT/LON: 44.133337/ 110.666671
Agency: 112WRD
Date Created: 11/06/82
Location: SNAKE R AT S BOUNDARY OF Y N PARK
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 13010000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17040101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17040101036
RF1 Mile Point: 9.240
Distance from RF1: 6.10
On/Off RF1: OFF
RF3 Index: 10020007007216.85
RF3 Mile Point: 18.18
Distance from RF3: 0.24
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/82-06/14/83	4	8.5	9.625	19.5	2.	54.229	7.364	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/17/82-06/14/83	4	584.5	1176.25	3150.	386.	1744177.583	1320.673	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/82-06/14/83	4	207.5	195.25	262.	104.	4362.25	66.047	**	**	**	**
00400	PH (STANDARD UNITS)	08/17/82-09/15/82	2	8.4	8.4	8.6	8.2	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/17/82-09/15/82	2	8.355	8.355	8.6	8.2	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/82-09/15/82	2	0.004	0.004	0.006	0.003	0.	0.003	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0006

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00

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

Station Inventory for Station: YELL0007

NPS Station ID: YELL0007
LAT/LON: 44.133531/ 110.501227
Agency: 11NPSYSP
Date Created: 07/07/90
Location: HAREBELL CR. AT CONFLUENCE
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 301502000000001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17040101
Depth of Water: 39
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 1.90
On/Off RF1:
RF3 Index: 17040101003800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1538.00 STREAM LENGTH (km)= 8.9 % GRADIENT= 7.54
HIGHEST ELEVATION (m)=2842.0 LOWEST ELEVATION (m)=2171.0

Parameter Inventory for Station: YELL0007

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: YELL0008

NPS Station ID: YELL0008
LAT/LON: 44.133809/ 110.951254
Agency: 11NPSYSP
Date Created: 05/24/86
Location: WINEGAR L. FALLS R. BASIN .2KM FROM S. BOUND.YNP
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401400000000051
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 22
Aquifer:
Major Basin: PACIFIC NW
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 9.10
On/Off RF1:
RF3 Index: 17040203061000.00
RF3 Mile Point: 2.62
Distance from RF3: 0.16
On/Off RF3:
Description:
ELEVATION (m)= 1969 CAPACITY (m cubed)= 432257 DRAINAGE AREA (ha)= 73.7 SURFACE AREA (ha)= 11.5
AVERAGE DEPTH (m)= 3.7 MAX DEPTH (m)= 7.9 NATIVE REDSIDE SHINERS & SPECKLED DACE

Parameter Inventory for Station: YELL0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/76-08/31/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/31/76-08/31/76	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/31/76-08/31/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/31/76-08/31/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/76-08/31/76	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/31/76-08/31/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/31/76-08/31/76	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/31/76-08/31/76	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/76-08/31/76	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/76-08/31/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/31/76-08/31/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/31/76-08/31/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/31/76-08/31/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/31/76-08/31/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/31/76-08/31/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/31/76-08/31/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/31/76-08/31/76	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/31/76-08/31/76	1	1.28	1.28	1.28	1.28	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/31/76-08/31/76	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/31/76-08/31/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/31/76-08/31/76	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/76-08/31/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/31/76-08/31/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/31/76-08/31/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/31/76-08/31/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/31/76-08/31/76	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/31/76-08/31/76	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/76-08/31/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/76-08/31/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/31/76-08/31/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/76-08/31/76	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/76-08/31/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/31/76-08/31/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/31/76-08/31/76	1	12.9	12.9	12.9	12.9	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/31/76-08/31/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/31/76-08/31/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/31/76-08/31/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/31/76-08/31/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/31/76-08/31/76	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: YELL0008

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0009

NPS Station ID: YELL0009 LAT/LON: 44.133809/ 111.051255 Agency: 11NPSYSP Date Created: 05/24/86
Location: PHONELINE L. SW YNP 1.2 KM SW OF BECHLER RAN.STA FIPS State/County: 16043 IDAHO/FREMONT
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 401000000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040202 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NW Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040202 RF1 Mile Point: 0.000 Distance from RF1: 2.90 On/Off RF1:
RF3 Index: 17040202081700.00 RF3 Mile Point: 1.20 Distance from RF3: 0.23 On/Off RF3:
Description:
ELEVATION (m)= 1945 CAPACITY (m cubed)=0000000000 DRAINAGE AREA (ha)= 244.8 SURFACE AREA (ha)= 6.1
AVERAGE DEPTH (m)= .4 MAX DEPTH (m)= .8 O FISH;NEVER STOCKED LACK OF WATER AND PHANTOM MIDGES INDICATE UNLIKELY HABITAT.

Parameter Inventory for Station: YELL0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/76-08/12/76	1	16.7	16.7	16.7	16.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/76-08/12/76	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/12/76-08/12/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/12/76-08/12/76	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/12/76-08/12/76	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/12/76-08/12/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/12/76-08/12/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/12/76-08/12/76	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/76-08/12/76	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/12/76-08/12/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/12/76-08/12/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/12/76-08/12/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/12/76-08/12/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/12/76-08/12/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/12/76-08/12/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/12/76-08/12/76	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/76-08/12/76	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/76-08/12/76	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/76-08/12/76	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/12/76-08/12/76	1	15.3	15.3	15.3	15.3	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/12/76-08/12/76	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/12/76-08/12/76	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/12/76-08/12/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/12/76-08/12/76	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/12/76-08/12/76	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/12/76-08/12/76	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/76-08/12/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/76-08/12/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/12/76-08/12/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/76-08/12/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/12/76-08/12/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	08/12/76-08/12/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/12/76-08/12/76	1	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/12/76-08/12/76	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/12/76-08/12/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/12/76-08/12/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/12/76-08/12/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/12/76-08/12/76	1	1.8	1.8	1.8	1.8	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: YELL0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0010

NPS Station ID: YELL0010
LAT/LON: 44.134087/ 110.517116
Agency: 11NPSYSP
Date Created: 07/07/90
Location: COULTER CR. AT CONFLUENCE
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 301500000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 17040101003706.19
RF3 Mile Point: 6.91
Distance from RF3: 0.18
On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)=13992.00 STREAM LENGTH (km)= 14.7 % GRADIENT= 2.66
HIGHEST ELEVATION (m)=2549.0 LOWEST ELEVATION (m)=2158.0

Parameter Inventory for Station: YELL0010

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: YELL0011

NPS Station ID: YELL0011
LAT/LON: 44.134226/ 110.651365
Agency: 11NPSYSP
Date Created: 07/07/90
Location: SNAKE RIVER BELOW LEWIS RIVER
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 300000000000036
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 173
Aquifer:
Major Basin: PACIFIC NORTH WEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 8.60
On/Off RF1:
RF3 Index: 17040101004106.32
RF3 Mile Point: 6.32
Distance from RF3: 0.89
On/Off RF3:
Description:
STREAM ORDER= 6 WATERSHED SIZE (ha)=126541.2 STREAM LENGTH (km)= 60.1 % GRADIENT= 1.53
HIGHEST ELEVATION (m)=3002.0 LOWEST ELEVATION (m)=2085.0 NATIVE CUTTHROAT, MOUNTAIN WHITEFISH, INTRODUCED BROWN, AND LAKE TROUT
THERE IS A THERMAL INFLUENCE

Parameter Inventory for Station: YELL0011

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: YELL0012

NPS Station ID: YELL0012
LAT/LON: 44.134226/ 110.651476
Agency: 11NPSYSP
Date Created: 07/07/90
Location: LEWIS RIVER JUST ABOVE SNAKE RIVER
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 300400000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 144
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 10.10
On/Off RF1:
RF3 Index: 17040101004209.20
RF3 Mile Point: 9.27
Distance from RF3: 1.09
On/Off RF3:
Description:
STREAM ORDER= 5 WATERSHED SIZE (ha)=44987.00 STREAM LENGTH (km)= 17.6 % GRADIENT= 1.49
HIGHEST ELEVATION (m)=2372.0 LOWEST ELEVATION (m)=2110.0 NATIVE CUTTHROAT AND MOUNTAIN WHITEFISH, AND INTRODUCED BROWN AND LAKE TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0012

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: YELL0013

NPS Station ID: YELL0013 LAT/LON: 44.134253/ 110.850255 Agency: 11NPSYSP Date Created: 07/07/90
Location: CASCADE CR. AT CONFLUENCE TO FALLS RIVER FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 401700000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC N.W. Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040203 RF1 Mile Point: 0.000 Distance from RF1: 4.80 On/Off RF1:
RF3 Index: 17040203063900.00 RF3 Mile Point: 0.18 Distance from RF3: 0.47 On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2291.70 STREAM LENGTH (km)= 8.90 % GRADIENT= 5.4
HIGHEST ELEVATION (m)=2607.5 LOWEST ELEVATION (m)=2125.6 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0013

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: YELL0014

NPS Station ID: YELL0014 LAT/LON: 44.134281/ 110.117837 Agency: 11NPSYSP Date Created: 07/07/90
Location: YELLOWSTONE AT BOUNDARY TRAIL CROSSING FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 100000000000006
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOUR Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 4.30 On/Off RF1:
RF3 Index: 10070001065200.00 RF3 Mile Point: 2.48 Distance from RF3: 0.13 On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)=31882.11 STREAM LENGTH (km)= 72.6 % GRADIENT= 1.26
HIGHEST ELEVATION (m)= 3304. LOWEST ELEVATION (m)=2389.6 NATIVE CUTTHROAT TROUT

Parameter Inventory for Station: YELL0014

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: YELL0015

NPS Station ID: YELL0015
LAT/LON: 44.134726/ 110.984255
Agency: 11NPSYSP
Date Created: 07/07/90
Location: FALLS RIVER BELOW CAVE FALLS
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 400000000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 17040101006500.84
RF3 Mile Point: 0.84
Distance from RF3: 0.05
On/Off RF3:
Description:
STREAM ORDER= 5 WATERSHED SIZE (ha)=64792.47 STREAM LENGTH (km)= 32.4 % GRADIENT= 3.77
HIGHEST ELEVATION (m)=2511.5 LOWEST ELEVATION (m)=1901.5 INTRODUCE CUTTHROAT AND RAINBOW TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0015

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: YELL0016

NPS Station ID: YELL0016
LAT/LON: 44.134892/ 111.001253
Agency: 11NPSYSP
Date Created: 07/07/90
Location: BECHLER RIVER ABOVE BECHLER FALLS
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401100000000003
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 4.80
On/Off RF1:
RF3 Index: 17040203003700.30
RF3 Mile Point: 0.95
Distance from RF3: 0.21
On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)=39651.82 STREAM LENGTH (km)= 26.5 % GRADIENT= 1.13
HIGHEST ELEVATION (m)=2217.4 LOWEST ELEVATION (m)=1917.2 INTRODUCED CUTTHROAT AND RAINBOW TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0016

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: YELL0017

NPS Station ID: YELL0017 LAT/LON: 44.142226/ 110.663892 Agency: 112WRD Date Created: 10/28/89
Location: LEWIS RIVER AT MOUTH, NEAR SOUTH ENTRANCE, YNP FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 440832110395001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17040101 RF1 Mile Point: 0.000 Distance from RF1: 1.70 On/Off RF1:
RF3 Index: 17040101003603.00 RF3 Mile Point: 3.43 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/88-10/04/88	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/88-10/04/88	1	89.	89.	89.	89.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/88-10/04/88	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/88-10/04/88	1	158.	158.	158.	158.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/04/88-10/04/88	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/04/88-10/04/88	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/04/88-10/04/88	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/88-10/04/88	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/88-10/04/88	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/88-10/04/88	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/88-10/04/88	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/88-10/04/88	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/04/88-10/04/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/04/88-10/04/88	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/88-10/04/88	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/04/88-10/04/88	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/04/88-10/04/88	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/04/88-10/04/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/04/88-10/04/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/88-10/04/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/04/88-10/04/88	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/04/88-10/04/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/88-10/04/88	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	10/04/88-10/04/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/04/88-10/04/88	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/88-10/04/88	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/88-10/04/88	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/88-10/04/88	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/88-10/04/88	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/04/88-10/04/88	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/88-10/04/88	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/88-10/04/88	1	52.	52.	52.	52.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/04/88-10/04/88	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/04/88-10/04/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/04/88-10/04/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/04/88-10/04/88	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	10/04/88-10/04/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/04/88-10/04/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/04/88-10/04/88	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/04/88-10/04/88	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: YELL0017

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
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
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
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: YELL0018

NPS Station ID: YELL0018 LAT/LON: 44.142781/ 110.673059 Agency: 112WRD Date Created: / /
Location: SUPPLY SPRING AT SOUTH ENTRANCE, YNP, WYO. FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13010050
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17040101042 RF1 Mile Point: 0.460 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 17040101004200.00 RF3 Mile Point: 0.00 Distance from RF3: 0.33 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/17/70-10/17/70	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/17/70-10/17/70	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/17/70-10/17/70	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/70-10/17/70	1	167.	167.	167.	167.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/17/70-10/17/70	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/17/70-10/17/70	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/70-10/17/70	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/17/70-10/17/70	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/17/70-10/17/70	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/17/70-10/17/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/17/70-10/17/70	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/17/70-10/17/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/17/70-10/17/70	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/17/70-10/17/70	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/17/70-10/17/70	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/17/70-10/17/70	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/17/70-10/17/70	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/17/70-10/17/70	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/17/70-10/17/70	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/17/70-10/17/70	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/17/70-10/17/70	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/17/70-10/17/70	1	37.	37.	37.	37.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/17/70-10/17/70	1	180.	180.	180.	180.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/17/70-10/17/70	1	270.	270.	270.	270.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/17/70-10/17/70	1	133.	133.	133.	133.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/17/70-10/17/70	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/17/70-10/17/70	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/17/70-10/17/70	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: YELL0018

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0018

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0019

NPS Station ID: YELL0019 LAT/LON: 44.143059/ 110.661393 Agency: 112WRD Date Created: / /
Location: SNAKE R AB LEWIS R. SOUTH ENTRANCE, YNP, WYO. FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13007000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17040101042 RF1 Mile Point: 0.310 Distance from RF1: 2.00 On/Off RF1: OFF
RF3 Index: 10070001004200.49 RF3 Mile Point: 10.61 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/70-09/17/70	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	09/17/70-09/17/70	1	139.	139.	139.	139.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/17/70-09/17/70	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/70-09/17/70	1	418.	418.	418.	418.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/17/70-09/17/70	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/17/70-09/17/70	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/70-09/17/70	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/17/70-09/17/70	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/17/70-09/17/70	1	132.	132.	132.	132.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/17/70-09/17/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/17/70-09/17/70	1	131.	131.	131.	131.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/17/70-09/17/70	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/17/70-09/17/70	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/70-09/17/70	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/17/70-09/17/70	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/17/70-09/17/70	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/17/70-09/17/70	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/17/70-09/17/70	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/17/70-09/17/70	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/17/70-09/17/70	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/17/70-09/17/70	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/17/70-09/17/70	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/17/70-09/17/70	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/17/70-09/17/70	1	80.	80.	80.	80.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/17/70-09/17/70	1	258.	258.	258.	258.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/17/70-09/17/70	1	259.	259.	259.	259.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	09/17/70-09/17/70	1	96.8	96.8	96.8	96.8	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/17/70-09/17/70	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/17/70-09/17/70	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: YELL0019

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0020

NPS Station ID: YELL0020 LAT/LON: 44.143059/ 110.673059 Agency: 112WRD Date Created: / /
Location: SNAKE R TR AB SUPPLY SP AT S. ENTRANCE, YNP, FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13010040
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17040101042 RF1 Mile Point: 0.460 Distance from RF1: 1.30 On/Off RF1: OFF
RF3 Index: 17040101004200.00 RF3 Mile Point: 0.00 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/70-06/24/70	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	06/24/70-06/24/70	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/24/70-06/24/70	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/24/70-06/24/70	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/24/70-06/24/70	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/24/70-06/24/70	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/70-06/24/70	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/24/70-06/24/70	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/24/70-06/24/70	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/24/70-06/24/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/24/70-06/24/70	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/24/70-06/24/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/24/70-06/24/70	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/24/70-06/24/70	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/24/70-06/24/70	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/24/70-06/24/70	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/24/70-06/24/70	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/24/70-06/24/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/24/70-06/24/70	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/70-06/24/70	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/24/70-06/24/70	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/24/70-06/24/70	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/24/70-06/24/70	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/24/70-06/24/70	1	160.	160.	160.	160.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/24/70-06/24/70	1	32.	32.	32.	32.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/24/70-06/24/70	1	24.	24.	24.	24.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	06/24/70-06/24/70	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/24/70-06/24/70	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/24/70-06/24/70	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: YELL0020

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0021

NPS Station ID: YELL0021 LAT/LON: 44.149726/ 110.999171 Agency: 112WRD Date Created: / /
Location: BECHLER R AT MOUTH NR BECHLER R.S. YNP WY. FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13046690
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17040203023 RF1 Mile Point: 0.350 Distance from RF1: 12.50 On/Off RF1: OFF
RF3 Index: 17040101077700.00 RF3 Mile Point: 1.64 Distance from RF3: 0.07 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/69-08/22/69	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/22/69-08/22/69	1	500.	500.	500.	500.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/69-08/22/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/69-08/22/69	1	179.	179.	179.	179.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/69-08/22/69	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/69-08/22/69	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/69-08/22/69	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/69-08/22/69	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/22/69-08/22/69	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/22/69-08/22/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/69-08/22/69	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/69-08/22/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/69-08/22/69	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/69-08/22/69	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/69-08/22/69	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/22/69-08/22/69	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/22/69-08/22/69	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/69-08/22/69	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/69-08/22/69	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/69-08/22/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/69-08/22/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/69-08/22/69	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/22/69-08/22/69	1	230.	230.	230.	230.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/22/69-08/22/69	1	122.	122.	122.	122.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/69-08/22/69	1	126.	126.	126.	126.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/22/69-08/22/69	1	165.	165.	165.	165.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/69-08/22/69	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/69-08/22/69	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: YELL0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0022

NPS Station ID: YELL0022 LAT/LON: 44.150003/ 110.666671 Agency: 112WRD Date Created: / /
Location: LEWIS RIVER NR MOUTH NR SOUTH BOUNDARY YNP WY FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13009500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17040101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 17040101003700.00 RF3 Mile Point: 0.09 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/70-09/17/70	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	09/17/70-09/17/70	1	218.	218.	218.	218.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/17/70-09/17/70	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/70-09/17/70	1	137.	137.	137.	137.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/17/70-09/17/70	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/17/70-09/17/70	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/70-09/17/70	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/17/70-09/17/70	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/17/70-09/17/70	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/17/70-09/17/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/17/70-09/17/70	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/17/70-09/17/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/17/70-09/17/70	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/70-09/17/70	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/17/70-09/17/70	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/17/70-09/17/70	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/17/70-09/17/70	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/17/70-09/17/70	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/17/70-09/17/70	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/17/70-09/17/70	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/17/70-09/17/70	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/17/70-09/17/70	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/17/70-09/17/70	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/17/70-09/17/70	1	50.	50.	50.	50.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/17/70-09/17/70	1	112.	112.	112.	112.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/17/70-09/17/70	1	108.	108.	108.	108.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	09/17/70-09/17/70	1	65.9	65.9	65.9	65.9	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/17/70-09/17/70	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/17/70-09/17/70	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: YELL0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0023

NPS Station ID: YELL0023 LAT/LON: 44.150253/ 110.083809 Agency: 11NPSYSP Date Created: 07/07/90
Location: ESCARPMENT CR. 50 M ABOVE TRAIL CROSSING FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 122200000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 13.50 On/Off RF1:
RF3 Index: 10070001020100.00 RF3 Mile Point: 0.31 Distance from RF3: 0.54 On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1989.94 STREAM LENGTH (km)= 14.39 % GRADIENT= 5.73
HIGHEST ELEVATION (m)=3212.6 LOWEST ELEVATION (m)=2386.9 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0023

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: YELL0024

NPS Station ID: YELL0024 LAT/LON: 44.150253/ 110.984366 Agency: 11NPSYSP Date Created: 07/07/90
Location: FALLS RIVER .4 KM ABOVE CONFLUENCE TO BECHLER R. FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 400000000000003
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC N.W. Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040203 RF1 Mile Point: 0.000 Distance from RF1: 1.90 On/Off RF1:
RF3 Index: 17040203008700.00 RF3 Mile Point: 0.79 Distance from RF3: 0.18 On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)=25856.27 STREAM LENGTH (km)= 31.4 % GRADIENT= 3.73
HIGHEST ELEVATION (m)=2511.6 LOWEST ELEVATION (m)=1926.3 INTRODUCED CUTTHROAT AND RAINBOW TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0024

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: YELL0025

NPS Station ID: YELL0025
LAT/LON: 44.150338/ 110.934504
Agency: 11NPSYSP
Date Created: 07/07/90
Location: MOUNTAIN ASH CR. 2.4 KM ABOVE MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401300000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 17040203003700.30
RF3 Mile Point: 0.95
Distance from RF3: 0.22
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 7923.12 STREAM LENGTH (km)= 15.8 % GRADIENT= 3.70
HIGHEST ELEVATION (m)=2560.3 LOWEST ELEVATION (m)=1975.1 INTRODUCED CUTTHROAT X RAINBOW TROUT HYBRID PRESENT.

Parameter Inventory for Station: YELL0025

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: YELL0026

NPS Station ID: YELL0026
LAT/LON: 44.151088/ 110.116948
Agency: 11NPSYSP
Date Created: 07/07/90
Location: THOROFARE CREEK AT CONFLUENCE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 122300000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 6.50
On/Off RF1:
RF3 Index: 10070001008506.33
RF3 Mile Point: 6.33
Distance from RF3: 0.15
On/Off RF3:
Description:
STREAM ORDER= 6 WATERSHED SIZE (ha)=48368.81 STREAM LENGTH (km)=44.6 % GRADIENT=2.41
HIGHEST ELEVATION (m)=3462.5 LOWEST ELEVATION (m)=2387.5 NATIVE CUTTHROAT

Parameter Inventory for Station: YELL0026

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: YELL0027

NPS Station ID: YELL0027 LAT/LON: 44.151309/ 110.768115 Agency: 11NPSYSP Date Created: 07/07/90
Location: FALLS RIVER @ CONFLUENCE BELOW BEULA LAKE FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 400000000000002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC N.W. Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040203 RF1 Mile Point: 0.000 Distance from RF1: 5.20 On/Off RF1:
RF3 Index: 17040203029200.00 RF3 Mile Point: 3.37 Distance from RF3: 0.49 On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 6206.18 STREAM LENGTH (km)= 6.63 % GRADIENT= 8.79
HIGHEST ELEVATION (m)=2511.6 LOWEST ELEVATION (m)=2218.9 NATIVE CUTTHROAT TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0027

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: YELL0028

NPS Station ID: YELL0028
LAT/LON: 44.151309/ 110.783477
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 4022 AT MOUTH (LEFT FORK)
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402200000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 5.30
On/Off RF1:
RF3 Index: 17040203003600.00
RF3 Mile Point: 0.95
Distance from RF3: 0.07
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 2791.85 STREAM LENGTH (km)= 10.5 % GRADIENT=4.41
HIGHEST ELEVATION (m)=2682.2 LOWEST ELEVATION (m)=2218.9

Parameter Inventory for Station: YELL0028

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: YELL0029

NPS Station ID: YELL0029 LAT/LON: 44.151503/ 111.001253 Agency: 11NPSYSP Date Created: 05/24/86
Location: LILYPAD L. SW YNP 7 KM FROM BECHLER RANGER STA. FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 401100000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203 Depth of Water: 22 Aquifer:
Major Basin: PACIFIC NW Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040203 RF1 Mile Point: 0.000 Distance from RF1: 3.20 On/Off RF1:
RF3 Index: 17040202000814.89 RF3 Mile Point: 14.89 Distance from RF3: 0.08 On/Off RF3:
Description:
ELEVATION (m)= 1957 CAPACITY (m cubed)= 677395 DRAINAGE AREA (ha)= 136 SURFACE AREA (ha)= 23.5
AVERAGE DEPTH (m)= 2.9 MAX DEPTH (m)= 7.9 0 FISH;4,400 CUTTHROAT STOCKED IN 1936, BACK TO ORIGINAL FISHLESS STATE,
PERHAPS DUE TO SHALLOW DEPTH AND LACK OF SPAWNING HABITAT.

Parameter Inventory for Station: YELL0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/76-08/20/76	1	15.6	15.6	15.6	15.6	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/76-08/20/76	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/20/76-08/20/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/20/76-08/20/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/20/76-08/20/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/76-08/20/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/20/76-08/20/76	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/20/76-08/20/76	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/76-08/20/76	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/20/76-08/20/76	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/20/76-08/20/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/20/76-08/20/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/20/76-08/20/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/20/76-08/20/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/20/76-08/20/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/20/76-08/20/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/20/76-08/20/76	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/20/76-08/20/76	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/76-08/20/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/76-08/20/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/20/76-08/20/76	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/76-08/20/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/20/76-08/20/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/20/76-08/20/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/20/76-08/20/76	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/20/76-08/20/76	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/20/76-08/20/76	1	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/76-08/20/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/76-08/20/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/20/76-08/20/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/20/76-08/20/76	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

Parameter Inventory for Station: YELL0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	08/20/76-08/20/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/20/76-08/20/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/20/76-08/20/76	1	12.6	12.6	12.6	12.6	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/20/76-08/20/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/20/76-08/20/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/20/76-08/20/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/20/76-08/20/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/20/76-08/20/76	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: YELL0029

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0030

NPS Station ID: YELL0030 LAT/LON: 44.151503/ 111.067503 Agency: 11NPSYSP Date Created: 05/24/86
Location: ROBINSON L. SW YNP 3.2 KM W. OF BECHLER RANGER S FIPS State/County: 16043 IDAHO/FREMONT
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 400900000000052
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040202 Depth of Water: 6 Aquifer:
Major Basin: PACIFIC NW Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040202 RF1 Mile Point: 0.000 Distance from RF1: 4.20 On/Off RF1:
RF3 Index: 17040202004900.00 RF3 Mile Point: 0.40 Distance from RF3: 0.18 On/Off RF3:
Description:
ELEVATION (m)= 1981 CAPACITY (m cubed)=0000000000 DRAINAGE AREA (ha)= 39.7 SURFACE AREA (ha)= 14.2
AVERAGE DEPTH (m)= 1.2 MAX DEPTH (m)= 2.4 O FISH;SHALLOW, ENTIRE CENTER IS SEDGE MAT, POOR FISH HABITAT.

Parameter Inventory for Station: YELL0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-08/11/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/11/76-08/11/76	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/11/76-08/11/76	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/11/76-08/11/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/11/76-08/11/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/11/76-08/11/76	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/11/76-08/11/76	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/11/76-08/11/76	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/76-08/11/76	1	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/11/76-08/11/76	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/11/76-08/11/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/11/76-08/11/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/11/76-08/11/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/11/76-08/11/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/11/76-08/11/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/11/76-08/11/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/76-08/11/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/76-08/11/76	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/11/76-08/11/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/11/76-08/11/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/11/76-08/11/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/76-08/11/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/11/76-08/11/76	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/11/76-08/11/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/11/76-08/11/76	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/11/76-08/11/76	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/11/76-08/11/76	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-08/11/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-08/11/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/11/76-08/11/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-08/11/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/11/76-08/11/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/11/76-08/11/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/11/76-08/11/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/11/76-08/11/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/11/76-08/11/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/11/76-08/11/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/11/76-08/11/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/11/76-08/11/76	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0031

NPS Station ID: YELL0031
LAT/LON: 44.151615/ 110.917504
Agency: 11NPSYSP
Date Created: 07/07/90
Location: PROPOSITION CREEK AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401301000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORHTWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 9.30
On/Off RF1:
RF3 Index: 17040203063900.00
RF3 Mile Point: 1.05
Distance from RF3: 0.18
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 2987.54 STREAM LENGTH (km)= 10.4 % GRADIENT= 3.28
HIGHEST ELEVATION (m)=2316.5 LOWEST ELEVATION (m)=1975.1 INTRODUCED CUTTHROAT CROSS WITH RAINBOW TROUT HYBRID. NO THERMAL INFLUEN

Parameter Inventory for Station: YELL0031

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: YELL0032

NPS Station ID: YELL0032
LAT/LON: 44.151642/ 110.118059
Agency: 11NPSYSP
Date Created: 07/07/90
Location: LYNX CREEK AT TRAIL CROSSING
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 122100000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.80
On/Off RF1:
RF3 Index: 10070001017600.14
RF3 Mile Point: 0.14
Distance from RF3: 0.35
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 2294.47 STREAM LENGTH (km)= 11.2 % GRADIENT= 5.52
HIGHEST ELEVATION (m)=3005.3 LOWEST ELEVATION (m)=2387.0

Parameter Inventory for Station: YELL0032

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: YELL0033

NPS Station ID: YELL0033
LAT/LON: 44.154448/ 111.105004
Agency: 112WRD
Date Created: 02/28/78
Location: 10N 45E 35ABC1S
FIPS State/County: 16043 IDAHO/FREMONT
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 440916111061801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17040202
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17040202
RF1 Mile Point: 0.000
Distance from RF1: 5.00
On/Off RF1:
RF3 Index: 17040202043300.00
RF3 Mile Point: 0.81
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/72-08/30/72	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/72-08/30/72	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/30/72-08/30/72	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/30/72-08/30/72	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/72-08/30/72	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/72-08/30/72	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/72-08/30/72	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/72-08/30/72	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/30/72-08/30/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/30/72-08/30/72	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/72-08/30/72	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/72-08/30/72	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/30/72-08/30/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/72-08/30/72	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/72-08/30/72	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/72-08/30/72	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/30/72-08/30/72	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/30/72-08/30/72	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/72-08/30/72	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/30/72-08/30/72	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/30/72-08/30/72	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/30/72-08/30/72	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/72-08/30/72	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/30/72-08/30/72	1	12.	12.	12.	12.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/30/72-08/30/72	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: YELL0033

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00

& - 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: YELL0033

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
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: YELL0034

NPS Station ID: YELL0034
LAT/LON: 44.166865/ 110.851254
Agency: 11NPSYSP
Date Created: 07/07/90
Location: PROPOSITION CREEK ABOVE FALLS
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401301000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORHTWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 1.70
On/Off RF1:
RF3 Index: 17040203001902.06
RF3 Mile Point: 4.19
Distance from RF3: 0.00
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 1932.17 STREAM LENGTH (km)= 5.2 % GRADIENT= 4.22
HIGHEST ELEVATION (m)=2316.4 LOWEST ELEVATION (m)=2097.1

Parameter Inventory for Station: YELL0034

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: YELL0035

NPS Station ID: YELL0035
LAT/LON: 44.166976/ 110.084921
Agency: 11NPSYSP
Date Created: 07/07/90
Location: CLIFF CR. AT TRAIL CROSSING
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 121900000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.50
On/Off RF1:
RF3 Index: 10070001102500.00
RF3 Mile Point: 0.07
Distance from RF3: 0.07
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1890.20 STREAM LENGTH (km)= 9.22 % GRADIENT= 8.09
HIGHEST ELEVATION (m)=3133.3 LOWEST ELEVATION (m)=2386.9

Parameter Inventory for Station: YELL0035

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: YELL0036

NPS Station ID: YELL0036
LAT/LON: 44.167170/ 110.584588
Agency: 11NPSYSP
Date Created: 07/07/90
Location: FOREST CREEK 45 M ABOVE MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 300700000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 2.40
On/Off RF1:
RF3 Index: 17040101004600.05
RF3 Mile Point: 0.47
Distance from RF3: 0.02
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 4536.49 STREAM LENGTH (km)= 13.62 % GRADIENT= 10.03
HIGHEST ELEVATION (m)=2804.2 LOWEST ELEVATION (m)=2121.4

Parameter Inventory for Station: YELL0036

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: YELL0037

NPS Station ID: YELL0037
LAT/LON: 44.167337/ 110.551199
Agency: 11NPSYSP
Date Created: 07/07/90
Location: RED CREEK AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 300900000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 32
Aquifer:
Major Basin: PACIFIC NORHTWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 0.20
On/Off RF1:
RF3 Index: 17040101026500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.15
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 2505.0 STREAM LENGTH (km)= 8.3 % GRADIENT= 8.23
HIGHEST ELEVATION (m)=2817.0 LOWEST ELEVATION (m)= 2134

Parameter Inventory for Station: YELL0037

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: YELL0038

NPS Station ID: YELL0038 LAT/LON: 44.167420/ 111.067503 Agency: 11NPSYSP Date Created: 05/24/86
Location: BOUNDARYL.#2 NEAR L.ROBINSON CR.1.3KM BECH.RA.S. FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 400800000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040202 Depth of Water: 3 Aquifer:
Major Basin: PACIFIC NW Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 17040101006500.85 RF3 Mile Point: 1.69 Distance from RF3: 0.23 On/Off RF3:
Description:
ELEVATION (m)= 1981 CAPACITY (m cubed)= 22162 DRAINAGE AREA (ha)= 30.8 SURFACE AREA (ha)= 2.4
AVERAGE DEPTH (m)= .9 MAX DEPTH (m)= 1.2 0 FISH; NO OFFICIAL STOCKING, IN HIGH WATER ATTACHED TO LITTLE ROBINSON CREEK, BUT MIGRATING FISH SEEMED TO HAVE DISSAPEARED.

Parameter Inventory for Station: YELL0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-08/26/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/26/76-08/26/76	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-08/26/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/26/76-08/26/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/76-08/26/76	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/26/76-08/26/76	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/76-08/26/76	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/26/76-08/26/76	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/76-08/26/76	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/76-08/26/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/26/76-08/26/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/26/76-08/26/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/26/76-08/26/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/26/76-08/26/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/26/76-08/26/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/26/76-08/26/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/26/76-08/26/76	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/76-08/26/76	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/76-08/26/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-08/26/76	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/26/76-08/26/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/76-08/26/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/26/76-08/26/76	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/26/76-08/26/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/26/76-08/26/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/26/76-08/26/76	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/26/76-08/26/76	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/76-08/26/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/76-08/26/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/26/76-08/26/76	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/76-08/26/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	08/26/76-08/26/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/26/76-08/26/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/26/76-08/26/76	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-08/26/76	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/26/76-08/26/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/26/76-08/26/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/26/76-08/26/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/26/76-08/26/76	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0039

NPS Station ID: YELL0039
LAT/LON: 44.183503/ 111.000392
Agency: 11NPSYSP
Date Created: 07/07/90
Location: BOUNDARY CREEK .8 KM ABOVE MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401103000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 17040203062000.00
RF3 Mile Point: 0.11
Distance from RF3: 0.16
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)=21794.85 STREAM LENGTH (km)= 36.0 % GRADIENT= 1.72
HIGHEST ELEVATION (m)=2570.0 LOWEST ELEVATION (m)=1947.7 INTRODUCED CUTTHROAT AND RAINBOW TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0039

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: YELL0040

NPS Station ID: YELL0040
LAT/LON: 44.184198/ 110.866865
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 401304 AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401304000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 2.90
On/Off RF1:
RF3 Index: 17040203002206.50
RF3 Mile Point: 6.79
Distance from RF3: 0.30
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1051.4 STREAM LENGTH (km)= 7.0 % GRADIENT= 6.79
HIGHEST ELEVATION (m)=2548.1 LOWEST ELEVATION (m)=2072.6

Parameter Inventory for Station: YELL0040

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: YELL0041

NPS Station ID: YELL0041 LAT/LON: 44.184281/ 110.484199 Agency: 11NPSYSP Date Created: 07/07/90
Location: BASIN CREEK 100 M UPSTREAM FROM MOUTH FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 302200000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC N.W. Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040101 RF1 Mile Point: 0.000 Distance from RF1: 3.10 On/Off RF1:
RF3 Index: 17040101046300.00 RF3 Mile Point: 0.86 Distance from RF3: 0.08 On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 3355.00 STREAM LENGTH (km)= 9.9 % GRADIENT= 6.66
HIGHEST ELEVATION (m)=2854.0 LOWEST ELEVATION (m)=2195.0

Parameter Inventory for Station: YELL0041

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: YELL0042

NPS Station ID: YELL0042 LAT/LON: 44.184309/ 110.851615 Agency: 11NPSYSP Date Created: 07/07/90
Location: MOUNTAIN ASH CREEK ABOVE UNION FALLS FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 401300000000002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040203 RF1 Mile Point: 0.000 Distance from RF1: 3.70 On/Off RF1:
RF3 Index: 17040203002200.00 RF3 Mile Point: 1.32 Distance from RF3: 0.57 On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 1086.81 STREAM LENGTH (km)= 6.6 % GRADIENT= 7.39
HIGHEST ELEVATION (m)=2584.7 LOWEST ELEVATION (m)=2097.0

Parameter Inventory for Station: YELL0042

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: YELL0043

NPS Station ID: YELL0043 LAT/LON: 44.185837/ 111.005282 Agency: 112WRD Date Created: 12/22/84
Location: WRONG NUMBER FOR BOUNDARY CR NR BECHLER RS FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13046688
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17040203 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10070001002800.05 RF3 Mile Point: 1.58 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/51-07/01/88	23	10.	11.13	22.	5.	22.221	4.714	5.78	7.	14.4	19.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/11/51-07/01/88	23	100.	125.522	338.	74.	4630.17	68.045	77.8	85.	126.	263.6
00065	STAGE, STREAM (FEET)	10/11/51-07/17/86	15	2.47	2.859	4.63	2.13	0.688	0.829	2.166	2.22	3.15	4.456
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/11/51-10/11/51	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/11/51-07/01/88	23	184.	183.348	279.	90.	1462.783	38.246	120.6	170.	201.	216.4
00403	PH, LAB, STANDARD UNITS SU	01/11/85-06/25/86	5	7.8	7.78	7.9	7.5	0.027	0.164	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/11/85-06/25/86	5	7.8	7.752	7.9	7.5	0.028	0.167	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/85-06/25/86	5	0.016	0.018	0.032	0.013	0.	0.008	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/20/84-07/17/86	14	15.	14.786	30.	5.	43.874	6.624	5.5	10.25	18.	26.

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

EPA Water Quality Criteria Analysis for Station: YELL0043

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	5	0	0.00	3	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	3	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	14	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00

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

Station Inventory for Station: YELL0044

NPS Station ID: YELL0044 LAT/LON: 44.185837/ 111.005282 Agency: 112WRD Date Created: 02/21/87
Location: BOUNDARY CREEK NR BECHLER RANGER STATION Y.N.P. FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13046680
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17040203 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 17040101002000.00 RF3 Mile Point: 2.77 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/86-10/24/90	16	10.	10.263	16.5	5.	12.643	3.556	5.7	7.125	13.375	15.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/25/86-10/24/90	16	75.	91.938	212.	59.	1758.729	41.937	59.	67.	103.75	174.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/86-10/24/90	16	205.5	190.688	227.	108.	1382.763	37.186	110.1	167.	213.75	222.1
00403	PH, LAB, STANDARD UNITS SU	02/10/87-02/10/87	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/10/87-02/10/87	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/10/87-02/10/87	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/10/87-12/07/90	14	19.	17.357	21.	8.	16.247	4.031	9.	15.	20.	21.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/24/90-12/07/90	2	3.	3.	4.	2.	2.	1.414	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0044

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	14	0	0.00	6	0	0.00	3	0	0.00	3	0	0.00	2	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: YELL0045

NPS Station ID: YELL0045
LAT/LON: 44.200116/ 110.867477
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 401303 ABOVE BARRIER
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401303000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 14.60
On/Off RF1:
RF3 Index: 17040203003900.00
RF3 Mile Point: 3.08
Distance from RF3: 0.14
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 3264.38 STREAM LENGTH (km)= 7.7 % GRADIENT= 6.97
HIGHEST ELEVATION (m)=2560.3 LOWEST ELEVATION (m)=2023.9

Parameter Inventory for Station: YELL0045

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: YELL0046

NPS Station ID: YELL0046 LAT/LON: 44.200116/ 111.067503 Agency: 11NPSYSP Date Created: 05/24/86
Location: LITTLE ROBISON L. SW YNP 12 KM FROM BECHLER RS FIPS State/County: 16043 IDAHO/FREMONT
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 400800000000052
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040202 Depth of Water: 6 Aquifer:
Major Basin: PACIFIC NW Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040202 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 17040203001110.51 RF3 Mile Point: 10.90 Distance from RF3: 0.16 On/Off RF3:
Description:
ELEVATION (m)= 1981 CAPACITY (m cubed)= 61892 DRAINAGE AREA (ha)= 318.9 SURFACE AREA (ha)= 4.2
AVERAGE DEPTH (m)= 1.5 MAX DEPTH (m)= 2.6 INTRODUCED BROOK TROUT;ORIGINALLY BARREN, NO OFFICIAL STOCKING, VERY LOW DENSITY OF BROOK TROUT.

Parameter Inventory for Station: YELL0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-08/26/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/26/76-08/26/76	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-08/26/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/26/76-08/26/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/76-08/26/76	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/26/76-08/26/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/76-08/26/76	1	6.85	6.85	6.85	6.85	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/26/76-08/26/76	1	6.85	6.85	6.85	6.85	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/76-08/26/76	1	0.141	0.141	0.141	0.141	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/76-08/26/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/26/76-08/26/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/26/76-08/26/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/26/76-08/26/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/26/76-08/26/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/26/76-08/26/76	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/26/76-08/26/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/26/76-08/26/76	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/76-08/26/76	1	0.67	0.67	0.67	0.67	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/76-08/26/76	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-08/26/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/26/76-08/26/76	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/76-08/26/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/26/76-08/26/76	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/26/76-08/26/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/26/76-08/26/76	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/26/76-08/26/76	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/26/76-08/26/76	1	1.13	1.13	1.13	1.13	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/76-08/26/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/76-08/26/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/26/76-08/26/76	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/76-08/26/76	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	08/26/76-08/26/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/26/76-08/26/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/26/76-08/26/76	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-08/26/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/26/76-08/26/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/26/76-08/26/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/26/76-08/26/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/26/76-08/26/76	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: YELL0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0047

NPS Station ID: YELL0047
LAT/LON: 44.201059/ 110.268142
Agency: 11NPSYSP
Date Created: 07/07/90
Location: PASSAGE CREEK ABOVE 1941 FIRE
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 112102000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 3.20
On/Off RF1:
RF3 Index: 10070001007604.66
RF3 Mile Point: 6.18
Distance from RF3: 0.05
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 567.06 STREAM LENGTH (km)= 2.8 % GRADIENT= 3.92
HIGHEST ELEVATION (m)=2645.7 LOWEST ELEVATION (m)=2535.9 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0047

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: YELL0048

NPS Station ID: YELL0048
LAT/LON: 44.201254/ 110.468032
Agency: 11NPSYSP
Date Created: 07/07/90
Location: SNAKE RIVER ABOVE HEART RIVER
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 300000000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 124
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 14.40
On/Off RF1:
RF3 Index: 10020007168501.90
RF3 Mile Point: 5.03
Distance from RF3: 0.32
On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)=19496.49 STREAM LENGTH (km)= 32.1 % GRADIENT= 2.48
HIGHEST ELEVATION (m)= 3002 LOWEST ELEVATION (m)= 2207 NATIVE CUTTHROAT AND MOUNTAIN WHITEFISH. THERE IS THERMAL INFLUENCE.

Parameter Inventory for Station: YELL0048

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: YELL0049

NPS Station ID: YELL0049
LAT/LON: 44.201254/ 110.468032
Agency: 11NPSYSP
Date Created: 07/07/90
Location: SNAKE RIVER ABOVE HEART RIVER
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 300000000000037
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 124
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 2.50
On/Off RF1:
RF3 Index: 17040101044800.00
RF3 Mile Point: 0.48
Distance from RF3: 0.35
On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)=19496.49 STREAM LENGTH (km)= 32.1 % GRADIENT= 2.48
HIGHEST ELEVATION (m)=3002.0 LOWEST ELEVATION (m)=2207.0 NATIVE CUTTHROAT AND MOUNTAIN WHITEFISH. THERE IS A THERMAL INFLUENCE.

Parameter Inventory for Station: YELL0049

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: YELL0050

NPS Station ID: YELL0050
LAT/LON: 44.201337/ 110.468281
Agency: 11NPSYSP
Date Created: 07/07/90
Location: HEART RIVER JUST ABOVE SNAKE RIVER
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302300000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 104
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 1.10
On/Off RF1:
RF3 Index: 17040101004102.17
RF3 Mile Point: 3.92
Distance from RF3: 0.08
On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)=14743.00 STREAM LENGTH (km)= 6.6 % GRADIENT= .97
HIGHEST ELEVATION (m)=2271.0 LOWEST ELEVATION (m)=2207.0 NATIVE CUTTHROAT TROUT AND MOUNTAIN WHITEFISH, AND INTRODUCED BROWN TROUT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0050

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: YELL0051

NPS Station ID: YELL0051
LAT/LON: 44.201476/ 110.984366
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 401111 AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401111000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 0.70
On/Off RF1:
RF3 Index: 17040203002600.00
RF3 Mile Point: 0.09
Distance from RF3: 0.03
On/Off RF3:
Description:
2 157.5 2.7 1.35
1987.31950.7

Parameter Inventory for Station: YELL0051

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: YELL0052

NPS Station ID: YELL0052 LAT/LON: 44.216920/ 110.951254 Agency: 11NPSYSP Date Created: 05/24/86
Location: RANGER L. SW YNP CASCADE CORNER OF MADISON PLAT. FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 401100000000054
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203 Depth of Water: 95 Aquifer:
Major Basin: PACIFIC NW Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040203 RF1 Mile Point: 0.000 Distance from RF1: 2.30 On/Off RF1:
RF3 Index: 17040203002500.34 RF3 Mile Point: 2.76 Distance from RF3: 0.26 On/Off RF3:
Description:
ELEVATION (m)= 2128 CAPACITY (m cubed)= 2753810 DRAINAGE AREA (ha)= 166.7 SURFACE AREA (ha)= 23.5
AVERAGE DEPTH (m)=11.7 MAX DEPTH (m)= 29.9 INTRODUCED RAINBOW; STOCKED 1931; 12,000 & 1938; 10,000: RETURNING TO FI
SHLESS STATE

Parameter Inventory for Station: YELL0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/76-08/17/76	1	18.3	18.3	18.3	18.3	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/17/76-08/17/76	1	13.4	13.4	13.4	13.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/17/76-08/17/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/17/76-08/17/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/76-08/17/76	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/17/76-08/17/76	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/17/76-08/17/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/17/76-08/17/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/76-08/17/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/76-08/17/76	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/17/76-08/17/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/17/76-08/17/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/17/76-08/17/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/17/76-08/17/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/17/76-08/17/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/17/76-08/17/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/76-08/17/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/17/76-08/17/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/76-08/17/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/17/76-08/17/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/17/76-08/17/76	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/76-08/17/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/17/76-08/17/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/17/76-08/17/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/17/76-08/17/76	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/17/76-08/17/76	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/17/76-08/17/76	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/76-08/17/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/76-08/17/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/17/76-08/17/76	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/76-08/17/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	08/17/76-08/17/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/17/76-08/17/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/17/76-08/17/76	1	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/17/76-08/17/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/17/76-08/17/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/17/76-08/17/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/17/76-08/17/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/17/76-08/17/76	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: YELL0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0053

NPS Station ID: YELL0053
LAT/LON: 44.217642/ 110.967504
Agency: 11NPSYSP
Date Created: 07/07/90
Location: OUZEL CREEK AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401112000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 4.30
On/Off RF1:
RF3 Index: 17040203003800.00
RF3 Mile Point: 0.41
Distance from RF3: 0.31
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2436.23 STREAM LENGTH (km)= 16.6 % GRADIENT= 3.82
HIGHEST ELEVATION (m)=2546.6 LOWEST ELEVATION (m)=1959.9

Parameter Inventory for Station: YELL0053

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: YELL0054

NPS Station ID: YELL0054 LAT/LON: 44.217809/ 110.983754 Agency: 11NPSYSP Date Created: 05/24/86
Location: WYADAHO L. S.EDGE MADISON PLATEAU 14.5KM BECH RS FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 401100000000053
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203 Depth of Water: 32 Aquifer:
Major Basin: PACIFIC NW Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040203 RF1 Mile Point: 0.000 Distance from RF1: 2.30 On/Off RF1:
RF3 Index: 17040203001800.00 RF3 Mile Point: 0.00 Distance from RF3: 0.09 On/Off RF3:
Description:
ELEVATION (m)= 2071 CAPACITY (m cubed)= 220151 DRAINAGE AREA (ha)= 65.6 SURFACE AREA (ha)= 4.9
AVERAGE DEPTH (m)= 4.5 MAX DEPTH (m)= 10.1 0 FISH; NEVER OFFICIALLY STOCKED, NO INLET AND AN OUTLET BARRIER MAKE IT
A DOUBTFUL HABITAT.

Parameter Inventory for Station: YELL0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/76-09/02/76	1	18.3	18.3	18.3	18.3	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/02/76-09/02/76	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/02/76-09/02/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/02/76-09/02/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/02/76-09/02/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/02/76-09/02/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/02/76-09/02/76	1	6.75	6.75	6.75	6.75	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/02/76-09/02/76	1	6.75	6.75	6.75	6.75	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/76-09/02/76	1	0.178	0.178	0.178	0.178	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/02/76-09/02/76	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/02/76-09/02/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/02/76-09/02/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/02/76-09/02/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/02/76-09/02/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/02/76-09/02/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/02/76-09/02/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/02/76-09/02/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/02/76-09/02/76	1	0.57	0.57	0.57	0.57	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/02/76-09/02/76	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/02/76-09/02/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/02/76-09/02/76	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/02/76-09/02/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/02/76-09/02/76	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	09/02/76-09/02/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/02/76-09/02/76	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/02/76-09/02/76	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/02/76-09/02/76	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/02/76-09/02/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/02/76-09/02/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/02/76-09/02/76	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/02/76-09/02/76	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	09/02/76-09/02/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/02/76-09/02/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/02/76-09/02/76	1	14.6	14.6	14.6	14.6	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/02/76-09/02/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/02/76-09/02/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/02/76-09/02/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/02/76-09/02/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/02/76-09/02/76	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0054

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0055

NPS Station ID: YELL0055 LAT/LON: 44.230281/ 110.738337 Agency: 112WRD Date Created: / /
Location: PHANTOM SP AT PHANTOM CAMPSITE, YNP, WY FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13010100
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17040101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 17040101004200.72 RF3 Mile Point: 10.62 Distance from RF3: 0.07 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/69-08/18/69	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/18/69-08/18/69	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/18/69-08/18/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/69-08/18/69	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/69-08/18/69	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/69-08/18/69	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/69-08/18/69	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/69-08/18/69	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/18/69-08/18/69	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/18/69-08/18/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/69-08/18/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/69-08/18/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/69-08/18/69	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/69-08/18/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/69-08/18/69	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/18/69-08/18/69	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/18/69-08/18/69	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/69-08/18/69	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/69-08/18/69	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/69-08/18/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/69-08/18/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/69-08/18/69	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/18/69-08/18/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/69-08/18/69	1	26.	26.	26.	26.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/69-08/18/69	1	25.	25.	25.	25.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/69-08/18/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/69-08/18/69	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/18/69-08/18/69	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: YELL0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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

& - 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: YELL0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0056

NPS Station ID: YELL0056
LAT/LON: 44.233448/ 110.084198
Agency: 11NPSYSP
Date Created: 07/07/90
Location: MOUNTAIN CREEK AT TRAIL CROSSING
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 121600000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 10.70
On/Off RF1:
RF3 Index: 10070001104600.00
RF3 Mile Point: 0.80
Distance from RF3: 0.45
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)=16502.33 STREAM LENGTH (km)= 21.5 % GRADIENT= 3.8
HIGHEST ELEVATION (m)=3185.2 LOWEST ELEVATION (m)=2377.4 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0056

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: YELL0057

NPS Station ID: YELL0057
LAT/LON: 44.233616/ 110.967365
Agency: 11NPSYSP
Date Created: 07/07/90
Location: OUZEL CREEK ABOVE FALLS
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401112000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 2.30
On/Off RF1:
RF3 Index: 17040203002500.34
RF3 Mile Point: 0.47
Distance from RF3: 0.08
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2373.22 STREAM LENGTH (km)= 15.4 % GRADIENT= 3.82
HIGHEST ELEVATION (m)=2546.6 LOWEST ELEVATION (m)=1959.9

Parameter Inventory for Station: YELL0057

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: YELL0058

NPS Station ID: YELL0058 LAT/LON: 44.234198/ 110.267727 Agency: 11NPSYSP Date Created: 07/07/90
Location: 1121021 AT MOUTH IN CHIPMUNK BURN AREA FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 112102010000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 20.60 On/Off RF1:
RF3 Index: 10070001021100.00 RF3 Mile Point: 2.84 Distance from RF3: 0.32 On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 362.27 STREAM LENGTH (km)= 2.5 % GRADIENT= 4.39
HIGHEST ELEVATION (m)=2535.9 LOWEST ELEVATION (m)=2426.2

Parameter Inventory for Station: YELL0058

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: YELL0059

NPS Station ID: YELL0059 LAT/LON: 44.234421/ 110.500032 Agency: 11NPSYSP Date Created: 05/24/86
Location: SHERIDAN L. S. CENTRAL YNP 5.8KM S. OF HEART L. FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 302200000000052
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NW Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040101 RF1 Mile Point: 0.000 Distance from RF1: 9.80 On/Off RF1:
RF3 Index: 17040101050801.12 RF3 Mile Point: 1.11 Distance from RF3: 0.79 On/Off RF3:
Description:
ELEVATION (m)= 2249 CAPACITY (m cubed)= 33184 DRAINAGE AREA (ha)= 208 SURFACE AREA (ha)= 6.4
AVERAGE DEPTH (m)= .5 MAX DEPTH (m)= 1.5 NATIVE CUTHROAT AND REDSIDE SHINERS;LOW CUTTHROAT DENSITY, BUT ABOVE AVE
RAGE CONDITION, HIGH DENSITY OF REDSIDE SHINERS.

Parameter Inventory for Station: YELL0059

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: YELL0060

NPS Station ID: YELL0060
LAT/LON: 44.234476/ 110.267337
Agency: 11NPSYSP
Date Created: 07/07/90
Location: PASSAGE CREEK AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 112102000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 3.20
On/Off RF1:
RF3 Index: 10070001007604.66
RF3 Mile Point: 6.18
Distance from RF3: 0.06
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2331.26 STREAM LENGTH (km)= 7.4 % GRADIENT= 3.13
HIGHEST ELEVATION (m)=2645.7 LOWEST ELEVATION (m)=2414.0 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0060

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: YELL0061

NPS Station ID: YELL0061 LAT/LON: 44.234559/ 110.267587 Agency: 11NPSYSP Date Created: 07/07/90
Location: CHIPMUNK CR. BY CONFLUENCE WITH PASSAGE CR. FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 112100000000002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 10070001007500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.08 On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 5906.90 STREAM LENGTH (km)= 8.37 % GRADIENT= 10.48
HIGHEST ELEVATION (m)=2852.9 LOWEST ELEVATION (m)=2414.0 NATIVE CUTTHROAT PRESENT.

Parameter Inventory for Station: YELL0061

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: YELL0062

NPS Station ID: YELL0062
LAT/LON: 44.234615/ 111.017504
Agency: 11NPSYSP
Date Created: 07/07/90
Location: BOUNDARY CREEK 12.5 KM ABOVE MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401103000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W .
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 0.50
On/Off RF1:
RF3 Index: 17040203001708.56
RF3 Mile Point: 8.56
Distance from RF3: 0.25
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)=12879.49 STREAM LENGTH (km)= 23.5 % GRADIENT= 2.2
HIGHEST ELEVATION (m)=2570.0 LOWEST ELEVATION (m)=2048.3 FISHLESS. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0062

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: YELL0063

NPS Station ID: YELL0063
LAT/LON: 44.234837/ 110.434253
Agency: 11NPSYSP
Date Created: 07/07/90
Location: OUTLET CREEK 46 M ABOVE HEART RIVER
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302303000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 65
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 8.50
On/Off RF1:
RF3 Index: 17040101004106.32
RF3 Mile Point: 6.32
Distance from RF3: 0.87
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 4253.00 STREAM LENGTH (km)= 5.5 % GRADIENT= 1.73
HIGHEST ELEVATION (m)=2366.0 LOWEST ELEVATION (m)=2271.0 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0063

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: YELL0064

NPS Station ID: YELL0064 LAT/LON: 44.243059/ 110.647227 Agency: 112WRD Date Created: / /
Location: UNNAMED SP AT PIT PLAT TR HD IN LEW CAN, YNP FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13009250
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17040101042 RF1 Mile Point: 8.200 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 17040101051700.00 RF3 Mile Point: 0.06 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/69-08/18/69	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/18/69-08/18/69	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/18/69-08/18/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/69-08/18/69	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/69-08/18/69	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/69-08/18/69	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/69-08/18/69	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/69-08/18/69	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/18/69-08/18/69	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/18/69-08/18/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/69-08/18/69	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/69-08/18/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/69-08/18/69	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/69-08/18/69	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/69-08/18/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/18/69-08/18/69	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/18/69-08/18/69	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/69-08/18/69	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/69-08/18/69	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/69-08/18/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/69-08/18/69	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/69-08/18/69	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/18/69-08/18/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/69-08/18/69	1	54.	54.	54.	54.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/69-08/18/69	1	56.	56.	56.	56.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/18/69-08/18/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/69-08/18/69	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/18/69-08/18/69	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: YELL0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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

& - 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: YELL0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0065

NPS Station ID: YELL0065 LAT/LON: 44.251309/ 110.483616 Agency: 11NPSYSP Date Created: 05/24/86
Location: HEART L. S. YNP AT BASE OF SHERIDAN MT. 4TH LARG FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 302300000000054
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 180 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040101 RF1 Mile Point: 0.000 Distance from RF1: 13.60 On/Off RF1:
RF3 Index: 17040101047502.98 RF3 Mile Point: 3.81 Distance from RF3: 0.46 On/Off RF3:
Description:
ELEVATION (m)=2207.8 CAPACITY (m cubed)= 32827700 DRAINAGE AREA (ha)= 8726.4 SURFACE AREA (ha)= 870.1
AVERAGE DEPTH (m)=37.7 MAX DEPTH (m)= 55 NATIVE CUTTHROAT,BROWN MT.WHITEFISH,& UTAH CHUB, INTRODUCED MT.SUCKER,U
TAH SUCKER, LONGNOSE DACE,& LAKE TR.;MOST PRODUCTIVE OLIGOTROPHIC L.YNP

Parameter Inventory for Station: YELL0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/78-10/10/85	35	15.5	14.34	17.8	5.	10.612	3.258	9.52	12.2	16.7	17.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/13/78-10/10/85	16	7.6	7.862	16.	5.2	5.814	2.411	5.41	6.75	8.35	10.96
00080	COLOR (PLATINUM-COBALT UNITS)	07/13/78-10/10/85	35	0.	1.714	10.	0.	8.739	2.956	0.	0.	5.	5.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/13/78-10/10/85	35	0.	0.286	1.	0.	0.21	0.458	0.	0.	1.	1.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/78-10/10/85	32	200.	192.781	220.	65.	751.983	27.422	165.8	190.	204.25	210.
00400	PH (STANDARD UNITS)	07/13/78-10/10/85	35	7.6	7.514	7.8	6.8	0.036	0.19	7.4	7.4	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/13/78-10/10/85	35	7.6	7.463	7.8	6.8	0.039	0.197	7.4	7.4	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/78-10/10/85	35	0.025	0.034	0.158	0.016	0.001	0.024	0.016	0.025	0.04	0.04
00405	CARBON DIOXIDE (MG/L AS CO2)	07/13/78-10/10/85	35	5.	8.54	36.	0.7	87.02	9.328	1.28	2.	11.	24.8
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/13/78-10/10/85	35	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/13/78-10/10/85	35	43.	42.2	60.	18.	73.635	8.581	32.	37.	48.	53.4
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/13/78-10/10/85	35	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/13/78-10/10/85	35	43.	42.2	60.	18.	73.635	8.581	32.	37.	48.	53.4
00440	BICARBONATE ION (MG/L AS HCO3)	07/13/78-10/10/85	35	51.	51.286	73.	22.	112.739	10.618	39.	44.	59.	65.4
00445	CARBONATE ION (MG/L AS CO3)	07/13/78-10/10/85	35	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/13/78-10/10/85	35	135.	135.457	165.	100.	206.903	14.384	120.	125.	148.	151.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/13/78-09/26/83	27	0.22	0.316	1.7	0.01	0.115	0.339	0.02	0.1	0.44	0.656
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/13/78-09/26/83	27	0.02	0.017	0.05	0.01	0.	0.009	0.01	0.01	0.02	0.022
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/13/78-09/13/84	20	0.19	0.276	1.1	0.03	0.08	0.282	0.033	0.06	0.28	0.728
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/13/78-10/10/85	34	0.085	0.157	0.6	0.03	0.025	0.159	0.03	0.03	0.228	0.47
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	07/13/78-10/10/85	34	0.06	0.102	0.63	0.01	0.014	0.12	0.03	0.03	0.12	0.245
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/13/78-09/26/83	26	0.12	0.155	0.53	0.02	0.014	0.12	0.03	0.06	0.213	0.31
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/13/78-10/10/85	35	4.3	5.509	21.	1.4	14.208	3.769	2.6	3.5	5.8	11.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/13/78-10/10/85	35	18.	20.743	41.	8.	66.138	8.133	14.	15.	24.	37.
00916	CALCIUM, TOTAL (MG/L AS CA)	07/13/78-10/10/85	35	6.	6.097	14.	2.4	4.59	2.142	4.1	4.4	7.2	8.16
00920	MAGNESIUM (MG/L AS CACO3)	07/13/78-10/10/85	35	4.1	5.623	24.	0.	30.416	5.515	1.	3.	6.	15.4
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/13/78-10/10/85	35	1.	1.491	5.8	0.1	1.87	1.368	0.38	1.	1.5	3.84
00929	SODIUM, TOTAL (MG/L AS NA)	07/13/78-10/10/85	35	35.	35.391	64.	23.9	44.853	6.697	28.42	31.	38.3	40.4
00937	POTASSIUM, TOTAL MG/L AS K)	07/13/78-10/10/85	35	3.3	3.103	6.3	0.33	1.13	1.063	1.248	2.9	3.6	3.816
00940	CHLORIDE,TOTAL IN WATER MG/L	07/13/78-10/10/85	35	25.	26.257	41.	19.	26.138	5.113	21.	23.	28.	33.4
00945	SULFATE, TOTAL (MG/L AS SO4)	07/13/78-10/10/85	35	16.	15.857	23.	2.	13.185	3.631	12.6	14.	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 time series plot

Parameter Inventory for Station: YELL0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00951	FLUORIDE, TOTAL (MG/L AS F)	07/13/78-10/10/85	35	2.9	2.991	5.	1.83	0.307	0.554	2.502	2.7	3.1	3.8
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/13/78-10/10/85	35	13.	15.954	39.	0.6	119.733	10.942	3.1	6.9	25.	33.6
01042	COPPER, TOTAL (UG/L AS CU)	07/13/78-10/10/85	35	100.	85.143	300.	10.	7319.832	85.556	10.	10.	100.	240.
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/13/78-10/10/85	35	10.78	10.794	13.3	9.7	0.487	0.698	9.94	10.4	11.2	11.6
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/13/78-10/10/85	33	0.12	0.17	0.93	0.03	0.033	0.182	0.03	0.05	0.25	0.31
71830	HYDROXIDE ION (MG/L AS OH)	07/13/78-10/10/85	35	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71875	HYDROGEN SULFIDE (MG/L)	06/04/83-10/10/85	8	0.055	0.055	0.1	0.01	0.002	0.048	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/13/78-10/10/85	35	50.	51.429	100.	50.	71.429	8.452	50.	50.	50.	50.
74010	IRON, TOTAL (MG/L AS FE)	07/13/78-10/10/85	35	0.03	0.15	1.6	0.01	0.115	0.339	0.01	0.01	0.1	0.51
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/13/78-10/10/85	35	0.4	0.551	1.6	0.1	0.106	0.325	0.3	0.3	0.7	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: YELL0065

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	35	0	0.00	1	0	0.00	2	0	0.00	15	0	0.00	17	0	0.00
		Other-Lo Lim.	6.5	35	0	0.00	1	0	0.00	2	0	0.00	15	0	0.00	17	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	27	0	0.00	1	0	0.00	2	0	0.00	11	0	0.00	13	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	35	0	0.00	1	0	0.00	2	0	0.00	15	0	0.00	17	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	35	0	0.00	1	0	0.00	2	0	0.00	15	0	0.00	17	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	35	22	0.63	1	1	1.00	2	1	0.50	15	9	0.60	17	11	0.65
		Drinking Water	1300.	35	0	0.00	1	0	0.00	2	0	0.00	15	0	0.00	17	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	35	0	0.00	1	0	0.00	2	0	0.00	15	0	0.00	17	0	0.00

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

Seasonal Analysis for Season #1: 11/01 to 4/15 - Station YELL0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/78-10/10/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/13/78-10/10/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/13/78-10/10/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/13/78-10/10/85	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/13/78-10/10/85	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/78-10/10/85	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/13/78-10/10/85	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/13/78-10/10/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/13/78-10/10/85	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/13/78-10/10/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/13/78-10/10/85	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/13/78-10/10/85	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/13/78-10/10/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/13/78-10/10/85	1	151.	151.	151.	151.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/13/78-09/13/84	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/13/78-10/10/85	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	07/13/78-10/10/85	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/13/78-10/10/85	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/13/78-10/10/85	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/13/78-10/10/85	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	07/13/78-10/10/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/13/78-10/10/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/13/78-10/10/85	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/13/78-10/10/85	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/13/78-10/10/85	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/13/78-10/10/85	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/13/78-10/10/85	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/13/78-10/10/85	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/13/78-10/10/85	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/13/78-10/10/85	1	10.6	10.6	10.6	10.6	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/13/78-10/10/85	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/13/78-10/10/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/13/78-10/10/85	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/13/78-10/10/85	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/13/78-10/10/85	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 box-and-whisker plot

Seasonal Analysis for Season #2: 4/16 to 6/15 - Station YELL0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/78-10/10/85	2	11.05	11.05	13.3	8.8	10.125	3.182	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/13/78-10/10/85	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/13/78-10/10/85	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/13/78-10/10/85	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/78-10/10/85	2	200.	200.	200.	200.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/13/78-10/10/85	2	7.5	7.5	7.6	7.4	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/13/78-10/10/85	2	7.489	7.489	7.6	7.4	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/78-10/10/85	2	0.032	0.032	0.04	0.025	0.	0.01	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/13/78-10/10/85	2	9.	9.	15.	3.	72.	8.485	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/13/78-10/10/85	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/13/78-10/10/85	2	32.	32.	46.	18.	392.	19.799	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/13/78-10/10/85	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/13/78-10/10/85	2	32.	32.	46.	18.	392.	19.799	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/13/78-10/10/85	2	39.	39.	56.	22.	578.	24.042	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/13/78-10/10/85	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/13/78-10/10/85	2	131.	131.	132.	130.	2.	1.414	**	**	**	**

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Seasonal Analysis for Season #2: 4/16 to 6/15 - Station YELL0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/13/78-10/10/85	2	0.345	0.345	0.6	0.09	0.13	0.361	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	07/13/78-10/10/85	2	0.05	0.05	0.07	0.03	0.001	0.028	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/13/78-10/10/85	2	5.9	5.9	7.	4.8	2.42	1.556	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/13/78-10/10/85	2	14.	14.	14.	14.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/13/78-10/10/85	2	4.45	4.45	4.8	4.1	0.245	0.495	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	07/13/78-10/10/85	2	2.95	2.95	3.9	2.	1.805	1.344	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/13/78-10/10/85	2	0.7	0.7	0.9	0.5	0.08	0.283	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/13/78-10/10/85	2	34.	34.	38.	30.	32.	5.657	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/13/78-10/10/85	2	3.15	3.15	3.3	3.	0.045	0.212	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/13/78-10/10/85	2	25.	25.	29.	21.	32.	5.657	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/13/78-10/10/85	2	19.	19.	21.	17.	8.	2.828	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/13/78-10/10/85	2	2.55	2.55	2.7	2.4	0.045	0.212	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/13/78-10/10/85	2	16.5	16.5	21.	12.	40.5	6.364	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/13/78-10/10/85	2	55.	55.	100.	10.	4050.	63.64	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/13/78-10/10/85	2	12.25	12.25	13.3	11.2	2.205	1.485	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/13/78-10/10/85	2	0.185	0.185	0.28	0.09	0.018	0.134	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/13/78-10/10/85	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/13/78-10/10/85	2	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/13/78-10/10/85	2	0.06	0.06	0.1	0.02	0.003	0.057	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/13/78-10/10/85	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**

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

Seasonal Analysis for Season #3: 6/16 to 8/15 - Station YELL0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/78-10/10/85	15	16.6	15.86	17.7	11.1	2.704	1.644	13.08	15.	16.9	17.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/13/78-10/10/85	6	7.95	7.783	8.8	6.7	0.71	0.842	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/13/78-10/10/85	15	0.	2.	10.	0.	10.	3.162	0.	0.	5.	7.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/13/78-10/10/85	15	0.	0.267	1.	0.	0.21	0.458	0.	0.	1.	1.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/78-10/10/85	13	200.	198.	220.	180.	91.833	9.583	183.6	190.	201.	214.
00400	PH (STANDARD UNITS)	07/13/78-10/10/85	15	7.4	7.453	7.8	6.8	0.054	0.233	7.04	7.4	7.6	7.68
00400	CONVERTED PH (STANDARD UNITS)	07/13/78-10/10/85	15	7.4	7.379	7.8	6.8	0.06	0.245	7.04	7.4	7.6	7.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/78-10/10/85	15	0.04	0.042	0.158	0.016	0.001	0.034	0.021	0.025	0.04	0.101
00405	CARBON DIOXIDE (MG/L AS CO2)	07/13/78-10/10/85	15	7.4	11.673	36.	1.8	147.851	12.159	1.92	2.8	22.	34.8
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/13/78-10/10/85	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/13/78-10/10/85	15	41.	40.867	60.	20.	88.124	9.387	27.2	36.	45.	56.4
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/13/78-10/10/85	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/13/78-10/10/85	15	41.	40.867	60.	20.	88.124	9.387	27.2	36.	45.	56.4
00440	BICARBONATE ION (MG/L AS HCO3)	07/13/78-10/10/85	15	50.	49.8	73.	24.	131.886	11.484	33.	44.	54.	68.8
00445	CARBONATE ION (MG/L AS CO3)	07/13/78-10/10/85	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/13/78-10/10/85	15	140.	135.2	160.	110.	191.6	13.842	116.	122.	145.	152.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/13/78-09/13/84	8	0.25	0.291	0.62	0.06	0.048	0.218	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/13/78-10/10/85	14	0.1	0.151	0.47	0.03	0.019	0.138	0.03	0.03	0.28	0.39
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	07/13/78-10/10/85	14	0.045	0.084	0.31	0.01	0.007	0.081	0.02	0.03	0.12	0.235
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/13/78-10/10/85	15	4.	4.58	10.	2.6	3.467	1.862	2.84	3.5	4.7	8.08
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/13/78-10/10/85	15	20.	21.133	40.	14.	58.124	7.624	14.	15.	24.	37.
00916	CALCIUM, TOTAL (MG/L AS CA)	07/13/78-10/10/85	15	6.	5.813	9.6	4.1	2.488	1.577	4.1	4.4	7.2	8.16
00920	MAGNESIUM (MG/L AS CACO3)	07/13/78-10/10/85	15	4.1	6.62	24.	2.9	33.449	5.783	2.96	4.	6.	19.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/13/78-10/10/85	15	1.	1.793	5.8	0.7	2.235	1.495	0.7	1.	1.9	4.66
00929	SODIUM, TOTAL (MG/L AS NA)	07/13/78-10/10/85	15	35.	34.86	41.	26.4	18.75	4.33	27.78	31.	38.3	40.4
00937	POTASSIUM, TOTAL MG/L AS K)	07/13/78-10/10/85	15	3.2	3.107	3.7	1.6	0.267	0.517	2.2	2.9	3.48	3.64
00940	CHLORIDE,TOTAL IN WATER MG/L	07/13/78-10/10/85	15	25.	25.867	40.	19.	33.124	5.755	19.6	21.	28.	35.8
00945	SULFATE, TOTAL (MG/L AS SO4)	07/13/78-10/10/85	15	16.	16.333	22.	12.	7.952	2.82	12.6	14.	18.	21.4
00951	FLUORIDE, TOTAL (MG/L AS F)	07/13/78-10/10/85	15	2.9	2.991	3.8	2.33	0.167	0.409	2.552	2.7	3.22	3.8
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/13/78-10/10/85	15	14.5	16.147	36.	3.5	97.337	9.866	5.54	8.6	27.	32.4
01042	COPPER, TOTAL (UG/L AS CU)	07/13/78-10/10/85	15	100.	90.667	300.	10.	7663.81	87.543	10.	10.	100.	240.

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Seasonal Analysis for Season #3: 6/16 to 8/15 - Station YELL0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/13/78-10/10/85	15	10.81	10.949	12.1	10.1	0.267	0.517	10.28	10.7	11.2	11.8
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/13/78-10/10/85	14	0.115	0.15	0.31	0.03	0.012	0.11	0.03	0.045	0.28	0.31
71830	HYDROXIDE ION (MG/L AS OH)	07/13/78-10/10/85	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/13/78-10/10/85	15	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
74010	IRON, TOTAL (MG/L AS FE)	07/13/78-10/10/85	15	0.03	0.163	1.6	0.01	0.161	0.402	0.01	0.01	0.1	0.754
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/13/78-10/10/85	15	0.5	0.667	1.6	0.3	0.151	0.389	0.3	0.4	1.	1.36

** - 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

Seasonal Analysis for Season #4: 8/16 to 10/31 - Station YELL0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/78-10/10/85	17	14.4	13.935	17.8	5.6	10.406	3.226	9.12	12.2	16.6	17.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/13/78-10/10/85	9	7.5	8.21	16.	5.5	9.431	3.071	5.5	6.545	8.3	16.
00080	COLOR (PLATINUM-COBALT UNITS)	07/13/78-10/10/85	17	0.	1.765	10.	0.	9.191	3.032	0.	0.	5.	6.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/13/78-10/10/85	17	0.	0.353	1.	0.	0.243	0.493	0.	0.	1.	1.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/78-10/10/85	17	200.	187.941	218.	65.	1334.559	36.532	137.	172.5	210.	211.6
00400	PH (STANDARD UNITS)	07/13/78-10/10/85	17	7.6	7.576	7.8	7.4	0.019	0.139	7.4	7.4	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/13/78-10/10/85	17	7.6	7.556	7.8	7.4	0.02	0.141	7.4	7.4	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/78-10/10/85	17	0.025	0.028	0.04	0.016	0.	0.009	0.016	0.025	0.04	0.04
00405	CARBON DIOXIDE (MG/L AS CO2)	07/13/78-10/10/85	17	2.6	5.641	20.	0.7	32.774	5.725	0.94	1.45	9.	16.8
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/13/78-10/10/85	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/13/78-10/10/85	17	43.	44.235	54.	32.	33.691	5.804	35.2	40.5	48.	53.2
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/13/78-10/10/85	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/13/78-10/10/85	17	43.	44.235	54.	32.	33.691	5.804	35.2	40.5	48.	53.2
00440	BICARBONATE ION (MG/L AS HCO3)	07/13/78-10/10/85	17	52.	53.588	66.	39.	57.757	7.6	43.	49.	59.	65.2
00445	CARBONATE ION (MG/L AS CO3)	07/13/78-10/10/85	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/13/78-10/10/85	17	132.	135.294	165.	100.	254.221	15.944	116.	125.	150.	153.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/13/78-09/13/84	11	0.19	0.272	1.1	0.03	0.117	0.342	0.03	0.06	0.28	1.028
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/13/78-10/10/85	17	0.06	0.141	0.53	0.03	0.024	0.154	0.03	0.03	0.21	0.482
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	07/13/78-10/10/85	17	0.06	0.127	0.63	0.01	0.023	0.15	0.026	0.045	0.19	0.35
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/13/78-10/10/85	17	5.	6.4	21.	1.4	25.084	5.008	2.28	3.3	8.4	14.36
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/13/78-10/10/85	17	18.	21.353	41.	8.	82.993	9.11	12.	15.	24.	40.2
00916	CALCIUM, TOTAL (MG/L AS CA)	07/13/78-10/10/85	17	7.2	6.5	14.	2.4	6.943	2.635	3.44	4.4	7.2	10.48
00920	MAGNESIUM (MG/L AS CACO3)	07/13/78-10/10/85	17	4.1	5.329	23.	0.	32.001	5.657	0.8	1.5	6.	16.6
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/13/78-10/10/85	17	1.	1.394	5.6	0.1	1.736	1.317	0.18	1.	1.5	4.
00929	SODIUM, TOTAL (MG/L AS NA)	07/13/78-10/10/85	17	35.	35.635	64.	23.9	73.607	8.579	27.18	30.5	38.5	44.64
00937	POTASSIUM, TOTAL MG/L AS K)	07/13/78-10/10/85	17	3.3	3.052	6.3	0.33	2.131	1.46	0.546	2.52	3.75	4.78
00940	CHLORIDE,TOTAL IN WATER MG/L	07/13/78-10/10/85	17	26.	26.882	41.	22.	23.485	4.846	22.	23.5	28.5	35.4
00945	SULFATE, TOTAL (MG/L AS SO4)	07/13/78-10/10/85	17	15.	15.118	23.	2.	18.485	4.299	10.	14.	17.5	19.8
00951	FLUORIDE, TOTAL (MG/L AS F)	07/13/78-10/10/85	17	2.9	3.042	5.	1.83	0.476	0.69	2.422	2.8	3.1	4.408
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/13/78-10/10/85	17	11.	15.188	39.	0.6	160.922	12.686	1.4	4.95	25.5	38.2
01042	COPPER, TOTAL (UG/L AS CU)	07/13/78-10/10/85	17	100.	82.941	300.	10.	8434.559	91.84	10.	10.	100.	300.
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/13/78-10/10/85	17	10.57	10.497	11.5	9.7	0.28	0.529	9.7	10.1	10.9	11.26
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/13/78-10/10/85	16	0.09	0.187	0.93	0.03	0.058	0.241	0.03	0.043	0.22	0.671
71830	HYDROXIDE ION (MG/L AS OH)	07/13/78-10/10/85	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/13/78-10/10/85	17	50.	52.941	100.	50.	147.059	12.127	50.	50.	50.	60.
74010	IRON, TOTAL (MG/L AS FE)	07/13/78-10/10/85	17	0.04	0.157	1.	0.01	0.101	0.318	0.01	0.01	0.1	0.992
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/13/78-10/10/85	17	0.4	0.488	1.	0.1	0.066	0.257	0.18	0.3	0.65	0.92

** - Less than 9 observations ## - Computed 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: YELL0066

NPS Station ID: YELL0066
LAT/LON: 44.251448/ 110.101531
Agency: 11NPSYSP
Date Created: 07/07/90
Location: TRAPPERS CREEK AT TRAIL CROSSING
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 121200000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.30
On/Off RF1:
RF3 Index: 10070001065400.00
RF3 Mile Point: 0.43
Distance from RF3: 0.16
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 3874.87 STREAM LENGTH (km)= 8.2 % GRADIENT= 6.74
HIGHEST ELEVATION (m)=2920.0 LOWEST ELEVATION (m)=2367.0

Parameter Inventory for Station: YELL0066

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: YELL0067

NPS Station ID: YELL0067
LAT/LON: 44.251560/ 110.450866
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 302308 AT MOUTH (TRIB OF HEART LAKE)
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 302308000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTH WEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 17040101024400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.08
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 389.8 STREAM LENGTH (km)= 6 % GRADIENT= 4.67
HIGHEST ELEVATION (m)=2560.3 LOWEST ELEVATION (m)=2279.9

Parameter Inventory for Station: YELL0067

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: YELL0068

NPS Station ID: YELL0068
LAT/LON: 44.251643/ 110.618282
Agency: 11NPSYSP
Date Created: 07/07/90
Location: LEWIS RIVER AT BRIDGE
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 300400000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 8.60
On/Off RF1:
RF3 Index: 17040101004106.32
RF3 Mile Point: 6.32
Distance from RF3: 0.89
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)=36197.53 STREAM LENGTH (km)= 12.2 % GRADIENT= .06
HIGHEST ELEVATION (m)=2372.0 LOWEST ELEVATION (m)=2365.3 INTRODUCED BROOK, BROWN, AND LAKE TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0068

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: YELL0069

NPS Station ID: YELL0069 LAT/LON: 44.255559/ 110.641116 Agency: 112WRD Date Created: / /
Location: UNNAMED TRIB TO LEWIS R BEL LEWIS FALLS YNP, WY FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13009200
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17040101042 RF1 Mile Point: 9.240 Distance from RF1: 26.90 On/Off RF1: OFF
RF3 Index: 17040101051200.00 RF3 Mile Point: 0.17 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-10/22/70	7	6.	7.357	14.	4.	15.726	3.966	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/22/69-10/22/70	7	2.	2.857	6.	2.	2.143	1.464	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/22/69-10/22/70	7	9.	8.	15.	3.	22.667	4.761	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/69-10/22/70	7	37.	35.571	39.	24.	26.952	5.192	**	**	**	**
00400	PH (STANDARD UNITS)	05/22/69-10/22/70	7	6.4	6.543	7.3	6.2	0.133	0.364	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/22/69-10/22/70	7	6.4	6.45	7.3	6.2	0.143	0.378	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/69-10/22/70	7	0.398	0.354	0.631	0.05	0.036	0.19	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/22/69-10/22/70	7	12.	11.571	13.	8.	2.952	1.718	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/22/69-10/22/70	7	15.	14.429	16.	10.	4.286	2.07	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/22/69-10/22/70	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/22/69-10/22/70	7	10.	10.	12.	6.	4.333	2.082	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/22/69-10/22/70	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/22/69-10/22/70	7	3.5	3.157	4.	1.8	0.646	0.804	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/22/69-10/22/70	7	0.4	0.471	1.3	0.	0.159	0.399	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/22/69-10/22/70	7	2.4	2.257	2.5	1.6	0.093	0.305	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/22/69-10/22/70	7	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/22/69-10/22/70	7	29.	29.143	33.	27.	4.143	2.035	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/22/69-10/22/70	7	1.9	1.757	2.3	0.9	0.203	0.45	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/22/69-10/22/70	7	0.4	0.414	0.8	0.	0.071	0.267	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/22/69-10/22/70	7	0.8	1.086	2.	0.2	0.771	0.878	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/22/69-10/22/70	7	1.9	1.771	2.	0.9	0.159	0.399	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/22/69-10/22/70	7	26.	21.229	28.	2.6	87.699	9.365	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/22/69-10/22/70	7	0.	7.143	40.	0.	223.81	14.96	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/22/69-10/22/70	7	80.	110.	250.	10.	7233.333	85.049	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/22/69-07/23/70	6	37.	39.333	52.	28.	129.067	11.361	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/69-10/22/70	7	44.	39.429	49.	22.	114.286	10.69	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/69-10/22/70	7	0.21	0.26	0.51	0.18	0.014	0.118	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/22/69-10/22/70	7	0.06	0.054	0.07	0.04	0.	0.014	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/69-10/22/70	7	0.	0.029	0.1	0.	0.002	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 time series plot

EPA Water Quality Criteria Analysis for Station: YELL0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	7	4	0.57	1	1	1.00	2	1	0.50	2	0	0.00	2	2	1.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00

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

Station Inventory for Station: YELL0070

NPS Station ID: YELL0070
LAT/LON: 44.266809/ 110.618282
Agency: 11NPSYSP
Date Created: 07/07/90
Location: ASTER CREEK 100 M FROM MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 300407000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 1.60
On/Off RF1:
RF3 Index: 17040101004601.81
RF3 Mile Point: 2.18
Distance from RF3: 0.13
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2362.72 STREAM LENGTH (km)= 10.66 % GRADIENT= 4.47
HIGHEST ELEVATION (m)=2828.5 LOWEST ELEVATION (m)=2351.5 BROOK AND BROWN TROUT PRESENT.

Parameter Inventory for Station: YELL0070

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: YELL0071

NPS Station ID: YELL0071 LAT/LON: 44.267171/ 110.384226 Agency: 11NPSYSP Date Created: 05/24/86
Location: OUTLET L. S.CENTRAL YNP E. OF HEART LAKE FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 302300000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 3 Aquifer:
Major Basin: PACIFIC NW Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040101 RF1 Mile Point: 0.000 Distance from RF1: 15.80 On/Off RF1:
RF3 Index: 17040101048600.00 RF3 Mile Point: 0.00 Distance from RF3: 0.27 On/Off RF3:
Description:
ELEVATION (m)=2362 CAPACITY (m cubed)= 65135 DRAINAGE AREA (ha)= 126 SURFACE AREA (ha)= 16.7
AVERAGE DEPTH (m)= 1.0 MAX DEPTH (m)= 1.5 NATIVE CUTTHROAT; LOW DENSITY PERHAPS DUE TO WINTERKILL FROM SHALLOW DEP
TH, SAMPLED FISH MAY BE OPPORTUNIST FROM CREEK.

Parameter Inventory for Station: YELL0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/08/78-09/08/78	1	17.8	17.8	17.8	17.8	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/08/78-09/08/78	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/08/78-09/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/08/78-09/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/08/78-09/08/78	1	185.	185.	185.	185.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/08/78-09/08/78	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/08/78-09/08/78	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/08/78-09/08/78	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/08/78-09/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/08/78-09/08/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/08/78-09/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/08/78-09/08/78	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/08/78-09/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/08/78-09/08/78	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/08/78-09/08/78	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/08/78-09/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/08/78-09/08/78	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/08/78-09/08/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/08/78-09/08/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/08/78-09/08/78	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/08/78-09/08/78	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	09/08/78-09/08/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/08/78-09/08/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00674	PHOSPHORUS, SUSPENDED ORTHOPHOSPHATE (MG/L AS P)	09/08/78-09/08/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/08/78-09/08/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/08/78-09/08/78	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/08/78-09/08/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	09/08/78-09/08/78	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/08/78-09/08/78	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/08/78-09/08/78	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/08/78-09/08/78	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

Parameter Inventory for Station: YELL0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	09/08/78-09/08/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/08/78-09/08/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/08/78-09/08/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/08/78-09/08/78	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/08/78-09/08/78	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/08/78-09/08/78	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/08/78-09/08/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/08/78-09/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/08/78-09/08/78	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/08/78-09/08/78	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/08/78-09/08/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0071

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	1	1.00										1	1	1.00
		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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0072

NPS Station ID: YELL0072
LAT/LON: 44.267309/ 110.867477
Agency: 11NPSYSP
Date Created: 07/07/90
Location: FERRIS FORK .4 KM ABOVE WAHHI FALLS
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401117000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 0.20
On/Off RF1:
RF3 Index: 17040203061300.00
RF3 Mile Point: 0.07
Distance from RF3: 0.07
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1496.41 STREAM LENGTH (km)= 5.2 % GRADIENT= 10.32
HIGHEST ELEVATION (m)=2633.5 LOWEST ELEVATION (m)=2365.3 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0072

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: YELL0073

NPS Station ID: YELL0073
LAT/LON: 44.267503/ 110.634449
Agency: 112WRD
Date Created: 10/28/89
Location: LEWIS RIVER ABOVE ASTER CREEK, YNP
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 441603110380401
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 0.80
On/Off RF1:
RF3 Index: 17040101004200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/88-10/03/88	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/88-10/03/88	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/03/88-10/03/88	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/88-10/03/88	1	111.	111.	111.	111.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/03/88-10/03/88	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/03/88-10/03/88	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/03/88-10/03/88	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/88-10/03/88	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/03/88-10/03/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/03/88-10/03/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/88-10/03/88	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/88-10/03/88	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/03/88-10/03/88	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/03/88-10/03/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/88-10/03/88	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/03/88-10/03/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/88-10/03/88	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/03/88-10/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/88-10/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/88-10/03/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/03/88-10/03/88	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/03/88-10/03/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/03/88-10/03/88	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	10/03/88-10/03/88	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/88-10/03/88	1 ##	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/88-10/03/88	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/88-10/03/88	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/88-10/03/88	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/88-10/03/88	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/88-10/03/88	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/88-10/03/88	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/03/88-10/03/88	1	470.	470.	470.	470.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/03/88-10/03/88	1	39.	39.	39.	39.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/03/88-10/03/88	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/03/88-10/03/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/03/88-10/03/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/88-10/03/88	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	10/03/88-10/03/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/03/88-10/03/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/03/88-10/03/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/03/88-10/03/88	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: YELL0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
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
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
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: YELL0074

NPS Station ID: YELL0074
LAT/LON: 44.267531/ 110.133893
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 1210 AT MOUTH (UNAMED TRIB OF YSR)
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 121000000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 3.50
On/Off RF1:
RF3 Index: 10070001008305.51
RF3 Mile Point: 7.72
Distance from RF3: 0.06
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 444.96 STREAM LENGTH (km)= 3.7 % GRADIENT= 14.5
HIGHEST ELEVATION (m)=2901.7 LOWEST ELEVATION (m)=2365.2

Parameter Inventory for Station: YELL0074

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: YELL0075

NPS Station ID: YELL0075 LAT/LON: 44.267921/ 110.451616 Agency: 11NPSYSP Date Created: 07/07/90
Location: BEAVER CR. .603 KM FROM MOUTH AT TRAIL CROSSING FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 302306000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC N.W. Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040101 RF1 Mile Point: 0.000 Distance from RF1: 16.40 On/Off RF1:
RF3 Index: 17040101026700.00 RF3 Mile Point: 6.63 Distance from RF3: 0.63 On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 3003.29 STREAM LENGTH (km)= 8.4 % GRADIENT= 2.09
HIGHEST ELEVATION (m)=2447.5 LOWEST ELEVATION (m)=2271.0 INTRODUCED UTAH SUCKER, AND NATIVE SNAKE RIVER CUTTHROAT, MOTTLED SCULPIN, AND REDSIDE SHINER PRESENT.

Parameter Inventory for Station: YELL0075

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: YELL0076

NPS Station ID: YELL0076 LAT/LON: 44.268059/ 110.632504 Agency: 112WRD Date Created: 10/28/89
Location: ASTER CREEK AT MOUTH, NR LEWIS FALLS, YNP FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 441605110375701
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17040101 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 17040101004210.20 RF3 Mile Point: 10.20 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/88-10/03/88	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/88-10/03/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/03/88-10/03/88	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/88-10/03/88	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/03/88-10/03/88	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/03/88-10/03/88	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/03/88-10/03/88	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/88-10/03/88	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/03/88-10/03/88	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/03/88-10/03/88	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/88-10/03/88	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/88-10/03/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/03/88-10/03/88	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/03/88-10/03/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/88-10/03/88	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/03/88-10/03/88	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/88-10/03/88	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/03/88-10/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/88-10/03/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/88-10/03/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/03/88-10/03/88	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/03/88-10/03/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/03/88-10/03/88	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	10/03/88-10/03/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/88-10/03/88	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/88-10/03/88	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/88-10/03/88	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/88-10/03/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/88-10/03/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/88-10/03/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/88-10/03/88	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/03/88-10/03/88	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/03/88-10/03/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/03/88-10/03/88	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/03/88-10/03/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/03/88-10/03/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/88-10/03/88	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	10/03/88-10/03/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/03/88-10/03/88	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/03/88-10/03/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/03/88-10/03/88	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: YELL0076

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
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
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
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: YELL0077

NPS Station ID: YELL0077
LAT/LON: 44.268198/ 110.333559
Agency: 11NPSYSP
Date Created: 07/07/90
Location: GROUSE CR. 183 METERS UP FROM MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 112500000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 3.50
On/Off RF1:
RF3 Index: 10070001007604.66
RF3 Mile Point: 6.18
Distance from RF3: 0.08
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2756.55 STREAM LENGTH (km)= 9.6 % GRADIENT= 4.83
HIGHEST ELEVATION (m)=2828.5 LOWEST ELEVATION (m)=2365.3 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0077

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: YELL0078

NPS Station ID: YELL0078 LAT/LON: 44.275003/ 111.030560 Agency: 112WRD Date Created: 08/24/85
Location: SILVER SCARP THERMAL AREA MAIN TRIB. NO. 10 FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13046655
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17040203027 RF1 Mile Point: 8.930 Distance from RF1: 6.10 On/Off RF1: OFF
RF3 Index: 10020007007216.85 RF3 Mile Point: 18.18 Distance from RF3: 0.24 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/85-05/17/85	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/17/85-05/17/85	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	05/17/85-05/17/85	1	0.96	0.96	0.96	0.96	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/85-05/17/85	1	53.	53.	53.	53.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0078

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: YELL0079

NPS Station ID: YELL0079 LAT/LON: 44.275837/ 110.472781 Agency: 112WRD Date Created: / /
Location: BEAVER CR AT MOUTH AT HEART LAKE, YNP, WY FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13005500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17040101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 17040101047700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/69-10/11/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/11/69-10/11/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/11/69-10/11/69	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/11/69-10/11/69	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/11/69-10/11/69	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/11/69-10/11/69	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/69-10/11/69	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/69-10/11/69	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/11/69-10/11/69	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/11/69-10/11/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/11/69-10/11/69	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/11/69-10/11/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/11/69-10/11/69	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/11/69-10/11/69	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/11/69-10/11/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/11/69-10/11/69	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/11/69-10/11/69	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/11/69-10/11/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/69-10/11/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/69-10/11/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/11/69-10/11/69	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/11/69-10/11/69	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/11/69-10/11/69	1	50.	50.	50.	50.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/11/69-10/11/69	1	72.	72.	72.	72.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/11/69-10/11/69	1	76.	76.	76.	76.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/11/69-10/11/69	1	0.76	0.76	0.76	0.76	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/11/69-10/11/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/11/69-10/11/69	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: YELL0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0080

NPS Station ID: YELL0080
LAT/LON: 44.283392/ 110.867837
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 40111701 AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401117020000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 5.10
On/Off RF1:
RF3 Index: 17040203003700.30
RF3 Mile Point: 0.95
Distance from RF3: 0.21
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 555.22 STREAM LENGTH (km)= 6.1 % GRADIENT= 5.2
HIGHEST ELEVATION (m)=2596.9 LOWEST ELEVATION (m)=2279.9

Parameter Inventory for Station: YELL0080

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: YELL0081

NPS Station ID: YELL0081
LAT/LON: 44.283837/ 110.883727
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 40111701 AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401117010000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 5.10
On/Off RF1:
RF3 Index: 17040203003700.30
RF3 Mile Point: 0.95
Distance from RF3: 0.21
On/Off RF3:
Description:
1 389.84 3.4 9.32
2572.52255.5

Parameter Inventory for Station: YELL0081

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: YELL0082

NPS Station ID: YELL0082
LAT/LON: 44.283837/ 110.883838
Agency: 11NPSYSP
Date Created: 07/07/90
Location: FERRIS FORK BELOW RAGGED FALLS
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401117000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 18.40
On/Off RF1:
RF3 Index: 17040203003700.30
RF3 Mile Point: 1.98
Distance from RF3: 0.31
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 2535.99 STREAM LENGTH (km)= 9.25 % GRADIENT= 4.54
HIGHEST ELEVATION (m)=2633.5 LOWEST ELEVATION (m)=2217.4 NATIVE CUTTHROAT TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0082

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: YELL0083

NPS Station ID: YELL0083
LAT/LON: 44.283892/ 110.267921
Agency: 11NPSYSP
Date Created: 07/07/90
Location: CHIPMUNK CR. 90 M FROM MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 112100000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 8.60
On/Off RF1:
RF3 Index: 10070001007700.48
RF3 Mile Point: 1.00
Distance from RF3: 0.66
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)=21679.55 STREAM LENGTH (km)= 16.10 % GRADIENT= 6.06
HIGHEST ELEVATION (m)=2852.9 LOWEST ELEVATION (m)=2365.3 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0083

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: YELL0084

NPS Station ID: YELL0084
LAT/LON: 44.283892/ 110.633893
Agency: 11NPSYSP
Date Created: 07/07/90
Location: STREAM 300409 AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 300409000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 8.60
On/Off RF1:
RF3 Index: 17040101005500.00
RF3 Mile Point: 0.82
Distance from RF3: 0.54
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2835.31 STREAM LENGTH (km)= 12.2 % GRADIENT= 2.4
HIGHEST ELEVATION (m)=2682.2 LOWEST ELEVATION (m)=2389.6

Parameter Inventory for Station: YELL0084

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: YELL0085

NPS Station ID: YELL0085
LAT/LON: 44.283920/ 110.183503
Agency: 11NPSYSP
Date Created: 07/07/90
Location: TRAIL CREEK AT BRIDGE
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 110800000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 5.90
On/Off RF1:
RF3 Index: 10070001008000.00
RF3 Mile Point: 1.34
Distance from RF3: 0.50
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)=1023.86 STREAM LENGTH (km)= 6.0 % GRADIENT= 2.84
HIGHEST ELEVATION (m)=2535.9 LOWEST ELEVATION (m)=2365.2 NATIVE CUTTHROAT

Parameter Inventory for Station: YELL0085

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: YELL0086

NPS Station ID: YELL0086
LAT/LON: 44.283920/ 110.883977
Agency: 11NPSYSP
Date Created: 07/07/90
Location: GREGG FORK AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401118000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 10.50
On/Off RF1:
RF3 Index: 17040203003700.30
RF3 Mile Point: 2.63
Distance from RF3: 0.45
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2089.70 STREAM LENGTH (km)= 7.3 % GRADIENT= 4.5
HIGHEST ELEVATION (m)=2546.6 LOWEST ELEVATION (m)=2217.4 NATIVE CUTTHROAT TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0086

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: YELL0087

NPS Station ID: YELL0087
LAT/LON: 44.284031/ 110.200392
Agency: 11NPSYSP
Date Created: 07/07/90
Location: TRAIL CREEK .4 KM FROM MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 110800000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.90
On/Off RF1:
RF3 Index: 10070001008801.79
RF3 Mile Point: 3.68
Distance from RF3: 0.06
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1480.6 STREAM LENGTH (km)= 8.0 % GRADIENT= 2.13
HIGHEST ELEVATION (m)=2535.9 LOWEST ELEVATION (m)=2365.2 NATIVE CUTTHROAT

Parameter Inventory for Station: YELL0087

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: YELL0088

NPS Station ID: YELL0088 LAT/LON: 44.284115/ 110.883727 Agency: 11NPSYSP Date Created: 07/07/90
Location: BECHLER RIVER AT THREE RIVERS JUNCTION FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 401100000000002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC N.W. Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040203 RF1 Mile Point: 0.000 Distance from RF1: 3.40 On/Off RF1:
RF3 Index: 17040203001800.37 RF3 Mile Point: 0.37 Distance from RF3: 0.44 On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)= 5765.05 STREAM LENGTH (km)= 7.25 % GRADIENT= 5.17
HIGHEST ELEVATION (m)=2581.7 LOWEST ELEVATION (m)=2206.8 NATIVE CUTTHROAT TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0088

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: YELL0089

NPS Station ID: YELL0089
LAT/LON: 44.284253/ 110.150116
Agency: 11NPSYSP
Date Created: 07/07/90
Location: YELLOWSTONE AT CABIN CREEK
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100000000000005
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.70
On/Off RF1:
RF3 Index: 10080012001405.17
RF3 Mile Point: 5.17
Distance from RF3: 0.03
On/Off RF3:
Description:
STREAM ORDER= 6 WATERSHED SIZE (ha)=114608.1 STREAM LENGTH (km)= 103.8 % GRADIENT= .9
HIGHEST ELEVATION (m)= 3304. LOWEST ELEVATION (m)=2365.2 NATIVE CUTTHROAT TROUT

Parameter Inventory for Station: YELL0089

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: YELL0090

NPS Station ID: YELL0090
LAT/LON: 44.284310/ 110.201254
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 110802 AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 110802000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 10070001008000.00
RF3 Mile Point: 5.53
Distance from RF3: 0.01
On/Off RF3:
Description:
STREAM ORDER=1 WATERSHED SIZE (ha)= 11.81 STREAM LENGTH (km)= .1 % GRADIENT=3.05
HIGHEST ELEVATION (m)=2365.2 LOWEST ELEVATION (m)=2362.2

Parameter Inventory for Station: YELL0090

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: YELL0091

NPS Station ID: YELL0091 LAT/LON: 44.284531/ 110.151365 Agency: 11NPSYSP Date Created: 07/07/90
Location: CABIN CR. AT THOROFARE TRAIL CROSSING FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 120900000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.50 On/Off RF1:
RF3 Index: 10070001010900.00 RF3 Mile Point: 1.65 Distance from RF3: 0.10 On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 618.22 STREAM LENGTH (km)= 3.7 % GRADIENT= 13.84
HIGHEST ELEVATION (m)=2889.5 LOWEST ELEVATION (m)=2377.4 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0091

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: YELL0092

NPS Station ID: YELL0092
LAT/LON: 44.284726/ 110.496670
Agency: 112WRD
Date Created: / /
Location: HEART LAKE YNP, WY
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 13005600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 17040101006502.00
RF3 Mile Point: 2.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/69-10/11/69	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/11/69-10/11/69	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/11/69-10/11/69	1	218.	218.	218.	218.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/11/69-10/11/69	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/11/69-10/11/69	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/11/69-10/11/69	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/11/69-10/11/69	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/11/69-10/11/69	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/11/69-10/11/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/11/69-10/11/69	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/11/69-10/11/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/11/69-10/11/69	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/11/69-10/11/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/11/69-10/11/69	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/11/69-10/11/69	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/11/69-10/11/69	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/11/69-10/11/69	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/11/69-10/11/69	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/11/69-10/11/69	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/11/69-10/11/69	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/11/69-10/11/69	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/11/69-10/11/69	1	380.	380.	380.	380.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/11/69-10/11/69	1	146.	146.	146.	146.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/11/69-10/11/69	1	145.	145.	145.	145.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/11/69-10/11/69	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/11/69-10/11/69	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: YELL0092

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0092

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0093

NPS Station ID: YELL0093
LAT/LON: 44.284920/ 110.850948
Agency: 11NPSYSP
Date Created: 07/07/90
Location: GREGG FORK ABOVE TWISTER FALLS
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401118000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 9.60
On/Off RF1:
RF3 Index: 17040203003700.30
RF3 Mile Point: 0.70
Distance from RF3: 0.49
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 630.07 STREAM LENGTH (km)= 3.6 % GRADIENT= 2.33
HIGHEST ELEVATION (m)=2546.6 LOWEST ELEVATION (m)=2462.8 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0093

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: YELL0094

NPS Station ID: YELL0094 LAT/LON: 44.285837/ 110.500005 Agency: 112WRD Date Created: / /
Location: WITCH CR AT MOUTH AT HEART LAKE, YNP, WY FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13005000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17040101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10070001003509.83 RF3 Mile Point: 11.13 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/69-10/10/69	1	18.5	18.5	18.5	18.5	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/10/69-10/10/69	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/69-10/10/69	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/69-10/10/69	1	608.	608.	608.	608.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/10/69-10/10/69	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/10/69-10/10/69	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/69-10/10/69	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/10/69-10/10/69	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/10/69-10/10/69	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/10/69-10/10/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/10/69-10/10/69	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/10/69-10/10/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/10/69-10/10/69	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/69-10/10/69	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/69-10/10/69	1	116.	116.	116.	116.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/10/69-10/10/69	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/10/69-10/10/69	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/69-10/10/69	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/10/69-10/10/69	1	87.	87.	87.	87.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/10/69-10/10/69	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/69-10/10/69	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/69-10/10/69	1	94.	94.	94.	94.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/10/69-10/10/69	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/10/69-10/10/69	1	434.	434.	434.	434.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/10/69-10/10/69	1	424.	424.	424.	424.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/10/69-10/10/69	1	11.	11.	11.	11.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/10/69-10/10/69	1	0.59	0.59	0.59	0.59	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/69-10/10/69	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: YELL0094

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0094

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0095

NPS Station ID: YELL0095
LAT/LON: 44.288060/ 110.148060
Agency: 112WRD
Date Created: / /
Location: YELLOWSTONE R AB CABIN C
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06185800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001083
RF1 Mile Point: 5.930
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10020007008600.00
RF3 Mile Point: 0.01
Distance from RF3: 0.44
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/70-05/20/78	3	18.	15.833	18.	11.5	14.083	3.753	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	09/09/70-09/09/70	1	392.	392.	392.	392.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/12/77-07/28/79	5	139.	190.6	510.	65.	33271.3	182.404	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/09/70-09/09/70	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/09/70-05/11/78	2	289.5	289.5	515.	64.	101700.5	318.905	**	**	**	**
00400	PH (STANDARD UNITS)	09/09/70-09/09/70	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/09/70-09/09/70	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/09/70-09/09/70	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/09/70-09/09/70	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/09/70-09/09/70	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/09/70-09/09/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/09/70-09/09/70	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/09/70-09/09/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/70-09/09/70	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/09/70-09/09/70	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/09/70-09/09/70	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/09/70-09/09/70	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/09/70-09/09/70	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/09/70-09/09/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/09/70-09/09/70	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/70-09/09/70	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/09/70-09/09/70	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/09/70-09/09/70	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/09/70-09/09/70	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/09/70-09/09/70	1	58.	58.	58.	58.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/09/70-09/09/70	1	60.	60.	60.	60.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	09/09/70-09/09/70	1	61.4	61.4	61.4	61.4	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/09/70-09/09/70	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/09/70-09/09/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	09/12/77-07/28/79	4	2980.	3915.75	9410.	293.	15044852.25	3878.769	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/11/78-07/28/79	4	1190.	3857.75	13000.	51.	37448353.583	6119.506	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0095

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0096

NPS Station ID: YELL0096
LAT/LON: 44.296392/ 110.151671
Agency: 112WRD
Date Created: / /
Location: CABIN C AT MOUTH NR TRAIL LK YNP WYO
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06185810
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001083
RF1 Mile Point: 5.330
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001105000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/70-09/09/70	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	09/09/70-09/09/70	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/09/70-09/09/70	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/09/70-09/09/70	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/09/70-09/09/70	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/09/70-09/09/70	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/09/70-09/09/70	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/09/70-09/09/70	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/09/70-09/09/70	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/09/70-09/09/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/09/70-09/09/70	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/09/70-09/09/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/70-09/09/70	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/09/70-09/09/70	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/09/70-09/09/70	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/09/70-09/09/70	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/09/70-09/09/70	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/09/70-09/09/70	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/09/70-09/09/70	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/70-09/09/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/09/70-09/09/70	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/09/70-09/09/70	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/09/70-09/09/70	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/09/70-09/09/70	1	46.	46.	46.	46.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/09/70-09/09/70	1	44.	44.	44.	44.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	09/09/70-09/09/70	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/09/70-09/09/70	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/09/70-09/09/70	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: YELL0096

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0096

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0097

NPS Station ID: YELL0097
LAT/LON: 44.299726/ 110.611948
Agency: 112WRD
Date Created: / /
Location: LEWIS LAKE, YNP, WY
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 13008900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17040101044
RF1 Mile Point: 2.290
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 17040101050100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/71-09/22/71	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/71-09/22/71	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/71-09/22/71	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/71-09/22/71	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/71-09/22/71	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/22/71-09/22/71	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/22/71-09/22/71	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/22/71-09/22/71	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/22/71-09/22/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/22/71-09/22/71	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/22/71-09/22/71	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/22/71-09/22/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/22/71-09/22/71	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/22/71-09/22/71	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/22/71-09/22/71	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/22/71-09/22/71	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/22/71-09/22/71	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/22/71-09/22/71	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/22/71-09/22/71	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/22/71-09/22/71	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/22/71-09/22/71	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/22/71-09/22/71	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/22/71-09/22/71	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/22/71-09/22/71	1	30.	30.	30.	30.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/22/71-09/22/71	1	86.	86.	86.	86.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/22/71-09/22/71	1	0.12	0.12	0.12	0.12	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: YELL0097

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

& - 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: YELL0097

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0098

NPS Station ID: YELL0098
LAT/LON: 44.300198/ 110.334032
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 1131 AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 113100000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 7.40
On/Off RF1:
RF3 Index: 10070001007400.00
RF3 Mile Point: 1.99
Distance from RF3: 0.76
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 102.38 STREAM LENGTH (km)= .1 % GRADIENT= 18.29
HIGHEST ELEVATION (m)=2377.4 LOWEST ELEVATION (m)=2359.1

Parameter Inventory for Station: YELL0098

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: YELL0099

NPS Station ID: YELL0099
LAT/LON: 44.300281/ 110.333670
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 1132 AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 113200000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.30
On/Off RF1:
RF3 Index: 10070001006903.82
RF3 Mile Point: 5.23
Distance from RF3: 0.31
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 63 STREAM LENGTH (km)= .2 % GRADIENT= 9.15
HIGHEST ELEVATION (m)=2377.4 LOWEST ELEVATION (m)=2359.1

Parameter Inventory for Station: YELL0099

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: YELL0100

NPS Station ID: YELL0100 LAT/LON: 44.300726/ 110.200116 Agency: 11NPSYSP Date Created: 07/07/90
Location: YELLOWSTONE RIVER .8 KM FROM MOUTH IN SE ARM FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 100000000000004
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 4.50 On/Off RF1:
RF3 Index: 10070001065200.00 RF3 Mile Point: 2.48 Distance from RF3: 0.10 On/Off RF3:
Description:
STREAM ORDER= 6 WATERSHED SIZE (ha)=116199.0 STREAM LENGTH (km)= 111.8 % GRADIENT=.83000
HIGHEST ELEVATION (m)=3304.3 LOWEST ELEVATION (m)=2365.2 NATIVE CUTTHROAT TROUT PRESENT

Parameter Inventory for Station: YELL0100

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: YELL0101

NPS Station ID: YELL0101 LAT/LON: 44.300726/ 110.333531 Agency: 11NPSYSP Date Created: 05/24/86
Location: YELLOWSTONE L. SOUTH ARM OLI SAMPLE SITE #3 FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100000000000083
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 157 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001048 RF1 Mile Point: 30.790 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10070001007700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.21 On/Off RF3:
Description:
ELEVATION (m)= 2357 CAPACITY (m cubed)= 1.4 E10 DRAINAGE AREA (ha)= 261590 SURFACE AREA (ha)= 35400
AVERAGE DEPTH (m)=42.4 MAX DEPTH (m)=48.77 NATIVE CUTTHROAT AND LONGNOSE DACE, INTRODUCED LONGNOSE SUCKER, REDSIDE SHINER AND LAKE CHUB

Parameter Inventory for Station: YELL0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/76-09/30/85	9	12.8	12.044	15.3	7.8	5.738	2.395	7.8	10.25	13.25	15.3
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/19/76-09/30/85	6	8.81	8.953	11.2	6.4	3.225	1.796	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/19/76-09/30/85	9	0.	0.556	5.	0.	2.778	1.667	0.	0.	0.	5.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/19/76-09/30/85	9	0.	0.444	1.	0.	0.278	0.527	0.	0.	1.	1.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/19/76-09/30/85	8	90.	90.	100.	78.	49.143	7.01	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/12/85-07/25/85	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/19/76-09/30/85	8	7.4	7.45	7.6	7.3	0.017	0.131	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/19/76-09/30/85	8	7.4	7.433	7.6	7.3	0.017	0.132	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/76-09/30/85	8	0.04	0.037	0.05	0.025	0.	0.011	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/19/76-09/30/85	9	2.8	5.444	29.	1.7	78.458	8.858	1.7	1.95	3.35	29.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/19/76-09/30/85	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/19/76-09/30/85	9	30.	30.222	36.	18.	27.194	5.215	18.	29.	34.	36.
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/19/76-09/30/85	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/19/76-09/30/85	9	30.	30.222	36.	18.	27.194	5.215	18.	29.	34.	36.
00440	BICARBONATE ION (MG/L AS HCO3)	07/19/76-09/30/85	9	37.	36.778	44.	22.	39.694	6.3	22.	35.	41.	44.
00445	CARBONATE ION (MG/L AS CO3)	07/19/76-09/30/85	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/76-09/30/85	9	55.	56.333	80.	36.	341.75	18.486	36.	39.	75.	80.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/76-09/01/78	5	0.4	0.326	0.5	0.05	0.035	0.188	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/19/76-09/01/78	5	0.06	0.114	0.38	0.01	0.023	0.153	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/76-09/01/78	5	0.08	0.072	0.1	0.02	0.001	0.033	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/01/78-09/30/85	5	0.03	0.038	0.06	0.03	0.	0.013	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	09/01/78-09/30/85	5	0.03	0.038	0.06	0.03	0.	0.013	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/01/78-09/01/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00674	PHOSPHORUS, SUSPENDED ORTHOPHOSPHATE (MG/L AS P)	09/01/78-09/01/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/76-09/30/85	9	2.9	3.122	6.6	0.7	2.999	1.732	0.7	2.05	4.15	6.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/76-09/30/85	9	22.	21.333	28.	14.	16.	4.	14.	19.	24.	28.
00916	CALCIUM, TOTAL (MG/L AS CA)	07/19/76-09/30/85	9	5.2	5.033	6.4	3.2	1.22	1.105	3.2	4.15	6.	6.4
00920	MAGNESIUM (MG/L AS CACO3)	07/19/76-09/30/85	9	8.7	8.733	12.	6.	3.982	1.996	6.	7.	10.3	12.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/19/76-09/30/85	9	2.1	2.122	2.9	1.5	0.219	0.468	1.5	1.7	2.5	2.9
00929	SODIUM, TOTAL (MG/L AS NA)	07/19/76-09/30/85	9	9.1	9.033	10.5	7.75	0.703	0.838	7.75	8.325	9.55	10.5
00937	POTASSIUM, TOTAL MG/L AS K)	07/19/76-09/30/85	9	1.6	1.551	1.75	1.18	0.034	0.184	1.18	1.44	1.7	1.75

** - Less than 9 observations ## - 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: YELL0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	07/19/76-09/30/85	9	4.	3.	6.	1.	4.	2.	1.	1.	4.5	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/76-09/30/85	9	9.	8.778	10.	4.	3.694	1.922	4.	8.5	10.	10.
00951	FLUORIDE, TOTAL (MG/L AS F)	07/19/76-09/30/85	9	0.59	0.586	0.65	0.5	0.002	0.044	0.5	0.56	0.615	0.65
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/76-09/30/85	9	4.9	5.089	9.	3.4	2.544	1.595	3.4	4.2	5.35	9.
01002	ARSENIC, TOTAL (UG/L AS AS)	07/19/76-09/24/76	4	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/19/76-09/30/85	9	100.	59.223	100.	0.01	2350.296	48.48	0.01	10.	100.	100.
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/19/76-09/30/85	9	11.02	11.121	11.9	10.6	0.147	0.384	10.6	10.85	11.35	11.9
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/19/76-09/30/85	9	0.04	0.054	0.1	0.02	0.001	0.032	0.02	0.03	0.09	0.1
71830	HYDROXIDE ION (MG/L AS OH)	07/19/76-09/30/85	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71875	HYDROGEN SULFIDE (MG/L)	06/12/85-09/30/85	4	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/19/76-09/30/85	9	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
74010	IRON, TOTAL (MG/L AS FE)	07/19/76-09/30/85	9	0.1	0.086	0.1	0.01	0.001	0.031	0.01	0.08	0.1	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/19/76-09/30/85	9	0.5	0.511	0.8	0.3	0.029	0.169	0.3	0.35	0.65	0.8

** - 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: YELL0101

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	2	1.00				1	1	1.00	1	1	1.00			
00400	PH	Other-Hi Lim.	9.	8	0	0.00				1	0	0.00	2	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00				1	0	0.00	2	0	0.00	5	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00							1	0	0.00	4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00				1	0	0.00	2	0	0.00	6	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	9	0	0.00				1	0	0.00	2	0	0.00	6	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00							1	0	0.00	3	0	0.00
		Drinking Water	50.	4	0	0.00							1	0	0.00	3	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	9	5	0.56				1	0	0.00	2	1	0.50	6	4	0.67
		Drinking Water	1300.	9	0	0.00				1	0	0.00	2	0	0.00	6	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	9	0	0.00				1	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: YELL0102

NPS Station ID: YELL0102 LAT/LON: 44.300726/ 110.867976 Agency: 11NPSYSP Date Created: 07/07/90
Location: 40111602 AT CONFLUENCE WITH PHILLPS FORK FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 401116020000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORHTWEST Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040203 RF1 Mile Point: 0.000 Distance from RF1: 0.60 On/Off RF1:
RF3 Index: 17040203061300.00 RF3 Mile Point: 0.07 Distance from RF3: 0.03 On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 126.01 STREAM LENGTH (km)= .6 % GRADIENT= 20.32
HIGHEST ELEVATION (m)=2560.3 LOWEST ELEVATION (m)=2438.4

Parameter Inventory for Station: YELL0102

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: YELL0103

NPS Station ID: YELL0103 LAT/LON: 44.300865/ 110.633642 Agency: 11NPSYSP Date Created: 05/24/86
Location: LEWIS L. 12ML N. OF SOUTH ENTRANCE YNP FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 300400000000053
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 104 Aquifer:
Major Basin: PACIFIC NORTH WEST Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040101 RF1 Mile Point: 0.000 Distance from RF1: 20.80 On/Off RF1:
RF3 Index: 10020007017600.00 RF3 Mile Point: 2.64 Distance from RF3: 0.76 On/Off RF3:
Description:
ELEVATION (m)= 2371 CAPACITY (m cubed)= 124210000 DRAINAGE AREA (ha)= 33923 SURFACE AREA (ha)= 1099.2
AVERAGE DEPTH (m)=11.3 MAX DEPTH (m)= 32.9 INTRODUCED UTAH CHUB,GREYLING,CUTTHROAT,BROWN & LAKE TROUT; ORIGINALLYF
ISHLESS BECAUSE OF DOWNSTREAM BARRIERS.

Parameter Inventory for Station: YELL0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/78-09/11/84	19	12.	13.379	18.	9.5	8.006	2.83	10.2	11.	16.5	17.5
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/31/78-08/29/81	13	9.5	9.069	11.	6.1	2.386	1.545	6.58	7.75	10.65	10.88
00080	COLOR (PLATINUM-COBALT UNITS)	08/31/78-09/11/84	19	0.	0.789	10.	0.	6.287	2.507	0.	0.	0.	5.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/31/78-09/11/84	17	0.	0.059	1.	0.	0.059	0.243	0.	0.	0.	0.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/78-09/11/84	19	86.	93.316	138.	74.	274.45	16.567	80.	84.	99.	120.
00400	PH (STANDARD UNITS)	08/31/78-09/11/84	19	7.4	7.305	7.6	7.	0.019	0.139	7.2	7.2	7.4	7.4
00400	CONVERTED PH (STANDARD UNITS)	08/31/78-09/11/84	19	7.4	7.284	7.6	7.	0.02	0.141	7.2	7.2	7.4	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/78-09/11/84	19	0.04	0.052	0.1	0.025	0.	0.017	0.04	0.04	0.063	0.063
00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/78-09/11/84	19	5.	9.816	34.	1.	96.035	9.8	1.	1.8	17.	27.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/31/78-09/11/84	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/31/78-09/11/84	19	26.	25.421	42.	0.	87.591	9.359	12.	20.	32.	36.
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/31/78-09/11/84	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/31/78-09/11/84	19	26.	25.421	42.	0.	87.591	9.359	12.	20.	32.	36.
00440	BICARBONATE ION (MG/L AS HCO3)	08/31/78-09/11/84	19	32.	31.	51.	0.	131.	11.446	14.	24.	39.	44.
00445	CARBONATE ION (MG/L AS CO3)	08/31/78-09/11/84	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/31/78-09/11/84	19	70.	69.947	110.	13.	460.719	21.464	42.	60.	85.	94.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/31/78-09/29/82	18	0.145	0.288	2.4	0.02	0.292	0.54	0.029	0.078	0.27	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/31/78-09/29/82	18	0.015	0.021	0.1	0.01	0.	0.021	0.01	0.01	0.02	0.046
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/31/78-09/11/84	13	0.16	0.184	0.43	0.03	0.02	0.141	0.03	0.06	0.3	0.43
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/31/78-09/11/84	17	0.12	0.151	0.43	0.03	0.013	0.114	0.03	0.06	0.205	0.342
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/31/78-09/11/84	17	0.03	0.086	0.25	0.01	0.008	0.087	0.026	0.03	0.175	0.25
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/78-09/29/82	16	0.09	0.127	0.34	0.03	0.008	0.089	0.051	0.06	0.173	0.305
00674	PHOSPHORUS, SUSPENDED ORTHOPHOSPHATE (MG/L AS P)	10/08/79-10/08/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/31/78-09/11/84	19	3.4	5.637	17.	0.2	27.755	5.268	1.3	1.7	9.8	16.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/78-09/11/84	19	16.	15.368	30.	8.	28.023	5.294	10.	12.	17.	24.
00916	CALCIUM, TOTAL (MG/L AS CA)	08/31/78-09/11/84	19	4.4	4.321	7.2	2.4	1.341	1.158	2.8	3.2	4.8	6.4
00920	MAGNESIUM (MG/L AS CACO3)	08/31/78-09/11/84	19	4.	4.584	12.	1.	9.14	3.023	2.	2.	6.	12.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/31/78-09/11/84	19	1.	1.247	2.9	0.2	0.648	0.805	0.5	0.7	1.7	2.9
00929	SODIUM, TOTAL (MG/L AS NA)	08/31/78-09/11/84	19	15.	14.658	17.	9.6	4.615	2.148	11.	14.	16.4	17.
00937	POTASSIUM, TOTAL MG/L AS K)	08/31/78-09/11/84	19	3.2	2.928	4.	0.32	0.981	0.991	0.8	2.8	3.5	3.9
00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/78-09/11/84	19	6.	7.316	19.	3.	10.561	3.25	5.	6.	8.	10.

** - Less than 9 observations ## - 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: YELL0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/78-09/11/84	19	4.	4.789	16.	1.	13.064	3.614	1.	2.	7.	8.
00951	FLUORIDE, TOTAL (MG/L AS F)	08/31/78-09/11/84	19	2.7	2.808	3.82	2.	0.216	0.465	2.15	2.5	3.2	3.45
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/78-09/11/84	19	19.	24.663	77.	2.7	368.458	19.195	2.8	10.	38.	52.
01042	COPPER, TOTAL (UG/L AS CU)	08/31/78-09/11/84	19	100.	94.211	300.	10.	5725.731	75.669	10.	20.	100.	200.
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/31/78-09/11/84	16	11.75	11.813	13.1	10.7	0.329	0.574	10.98	11.425	12.175	12.61
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/31/78-09/29/82	18	0.14	0.166	0.37	0.03	0.011	0.106	0.057	0.068	0.258	0.361
71830	HYDROXIDE ION (MG/L AS OH)	08/31/78-09/11/84	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71875	HYDROGEN SULFIDE (MG/L)	09/11/84-09/11/84	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/31/78-09/11/84	19	50.	61.579	270.	50.	2547.368	50.471	50.	50.	50.	50.
74010	IRON, TOTAL (MG/L AS FE)	08/31/78-09/11/84	19	0.03	0.031	0.1	0.01	0.001	0.024	0.01	0.01	0.05	0.05
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/31/78-09/11/84	19	0.4	0.5	1.4	0.3	0.067	0.258	0.3	0.3	0.6	0.8

** - 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: YELL0103

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	19	0	0.00							8	0	0.00	11	0	0.00
		Other-Lo Lim.	6.5	19	0	0.00							8	0	0.00	11	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	18	0	0.00							8	0	0.00	10	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	19	0	0.00							8	0	0.00	11	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	19	0	0.00							8	0	0.00	11	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	19	15	0.79							8	6	0.75	11	9	0.82
		Drinking Water	1300.	19	0	0.00							8	0	0.00	11	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	19	0	0.00							8	0	0.00	11	0	0.00

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

Seasonal Analysis for Season #3: 6/16 to 8/15 - Station YELL0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/78-09/11/84	8	15.	14.375	18.	10.5	10.411	3.227	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/31/78-09/11/84	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/31/78-09/11/84	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/78-09/11/84	8	86.5	90.375	120.	74.	189.696	13.773	**	**	**	**
00400	PH (STANDARD UNITS)	08/31/78-09/11/84	8	7.3	7.3	7.6	7.	0.034	0.185	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/31/78-09/11/84	8	7.289	7.266	7.6	7.	0.036	0.189	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/78-09/11/84	8	0.051	0.054	0.1	0.025	0.001	0.023	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/78-09/11/84	8	4.8	8.238	34.	1.	122.831	11.083	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/31/78-09/11/84	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/31/78-09/11/84	8	28.	24.75	42.	0.	172.5	13.134	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/31/78-09/11/84	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/31/78-09/11/84	8	28.	24.75	42.	0.	172.5	13.134	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/31/78-09/11/84	8	34.5	30.125	51.	0.	258.982	16.093	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/31/78-09/11/84	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/31/78-09/11/84	8	65.	61.25	90.	13.	693.357	26.332	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/31/78-09/11/84	4	0.36	0.295	0.43	0.03	0.036	0.189	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/31/78-09/11/84	7	0.19	0.191	0.43	0.03	0.022	0.148	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/31/78-09/11/84	7	0.03	0.087	0.25	0.03	0.01	0.098	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/31/78-09/11/84	8	7.2	8.35	17.	1.7	43.28	6.579	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/78-09/11/84	8	14.5	14.	17.	10.	6.571	2.563	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/31/78-09/11/84	8	4.05	4.212	4.8	3.2	0.316	0.562	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/31/78-09/11/84	8	3.5	3.5	7.	2.	2.857	1.69	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/31/78-09/11/84	8	0.95	1.025	1.9	0.5	0.271	0.52	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/31/78-09/11/84	8	14.7	14.55	17.	11.	3.677	1.918	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/31/78-09/11/84	8	3.15	3.193	3.6	2.8	0.065	0.255	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/78-09/11/84	8	6.	7.25	19.	3.	24.5	4.95	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/78-09/11/84	8	4.5	4.375	7.	1.	5.125	2.264	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/31/78-09/11/84	8	2.65	2.778	3.4	2.15	0.202	0.45	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/78-09/11/84	8	22.5	24.713	43.	8.7	170.433	13.055	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/31/78-09/11/84	8	100.	90.	200.	10.	3628.571	60.238	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/31/78-09/11/84	6	11.6	11.65	12.4	11.1	0.195	0.442	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/31/78-09/11/84	8	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/31/78-09/11/84	8	50.	77.5	270.	50.	6050.	77.782	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/31/78-09/11/84	8	0.035	0.031	0.05	0.01	0.	0.019	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/31/78-09/11/84	8	0.5	0.475	0.6	0.3	0.016	0.128	**	**	**	**

** - Less than 9 observations ## - Computed 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: 8/16 to 10/31 - Station YELL0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/78-09/11/84	11	12.	12.655	17.	9.5	5.753	2.398	9.64	10.5	15.	16.7
00080	COLOR (PLATINUM-COBALT UNITS)	08/31/78-09/11/84	11	0.	1.364	10.	0.	10.455	3.233	0.	0.	0.	9.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/31/78-09/11/84	10	0.	0.1	1.	0.	0.1	0.316	0.	0.	0.	0.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/78-09/11/84	11	86.	95.455	138.	80.	349.273	18.689	80.2	82.	112.	133.4
00400	PH (STANDARD UNITS)	08/31/78-09/11/84	11	7.4	7.309	7.4	7.2	0.011	0.104	7.2	7.2	7.4	7.4
00400	CONVERTED PH (STANDARD UNITS)	08/31/78-09/11/84	11	7.4	7.298	7.4	7.2	0.011	0.105	7.2	7.2	7.4	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/78-09/11/84	11	0.04	0.05	0.063	0.04	0.	0.012	0.04	0.04	0.063	0.063
00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/78-09/11/84	11	5.	10.964	27.	1.1	83.439	9.134	1.48	3.1	19.	25.8
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/31/78-09/11/84	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/31/78-09/11/84	11	26.	25.909	36.	18.	36.291	6.024	18.2	20.	32.	35.2
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/31/78-09/11/84	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/31/78-09/11/84	11	26.	25.909	36.	18.	36.291	6.024	18.2	20.	32.	35.2
00440	BICARBONATE ION (MG/L AS HCO3)	08/31/78-09/11/84	11	32.	31.636	44.	22.	53.455	7.311	22.4	24.	39.	43.
00445	CARBONATE ION (MG/L AS CO3)	08/31/78-09/11/84	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/31/78-09/11/84	11	70.	76.273	110.	60.	239.418	15.473	60.4	65.	85.	106.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/31/78-09/11/84	9	0.12	0.134	0.31	0.03	0.008	0.088	0.03	0.06	0.19	0.31

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

Seasonal Analysis for Season #4: 8/16 to 10/31 - Station YELL0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/31/78-09/11/84	10	0.105	0.122	0.29	0.03	0.006	0.079	0.033	0.06	0.168	0.28
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/31/78-09/11/84	10	0.045	0.085	0.25	0.01	0.007	0.084	0.012	0.03	0.163	0.245
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/31/78-09/11/84	11	2.3	3.664	9.8	0.2	9.491	3.081	0.42	1.5	5.1	9.54
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/78-09/11/84	11	16.	16.364	30.	8.	43.255	6.577	8.6	12.	22.	28.8
00916	CALCIUM, TOTAL (MG/L AS CA)	08/31/78-09/11/84	11	4.4	4.4	7.2	2.4	2.176	1.475	2.48	3.2	4.8	7.04
00920	MAGNESIUM (MG/L AS CACO3)	08/31/78-09/11/84	11	4.	5.373	12.	1.	12.828	3.582	1.2	4.	6.	12.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/31/78-09/11/84	11	1.	1.409	2.9	0.2	0.909	0.953	0.26	0.9	2.6	2.9
00929	SODIUM, TOTAL (MG/L AS NA)	08/31/78-09/11/84	11	16.	14.736	17.	9.6	5.717	2.391	10.	14.	16.5	17.
00937	POTASSIUM, TOTAL MG/L AS K)	08/31/78-09/11/84	11	3.28	2.736	4.	0.32	1.625	1.275	0.416	1.6	3.8	3.98
00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/78-09/11/84	11	7.	7.364	10.	6.	1.855	1.362	6.	6.	8.	9.8
00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/78-09/11/84	11	3.	5.091	16.	1.	19.691	4.437	1.	2.	7.	14.4
00951	FLUORIDE, TOTAL (MG/L AS F)	08/31/78-09/11/84	11	2.7	2.831	3.82	2.	0.246	0.496	2.1	2.5	3.2	3.746
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/78-09/11/84	11	17.	24.627	77.	2.7	543.918	23.322	2.72	8.7	40.	72.
01042	COPPER, TOTAL (UG/L AS CU)	08/31/78-09/11/84	11	100.	97.273	300.	10.	7741.818	87.988	10.	20.	100.	280.
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/31/78-09/11/84	10	12.05	11.91	13.1	10.7	0.412	0.642	10.76	11.525	12.225	13.02
71830	HYDROXIDE ION (MG/L AS OH)	08/31/78-09/11/84	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/31/78-09/11/84	11	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
74010	IRON, TOTAL (MG/L AS FE)	08/31/78-09/11/84	11	0.02	0.031	0.1	0.01	0.001	0.028	0.01	0.01	0.05	0.09
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/31/78-09/11/84	11	0.4	0.518	1.4	0.3	0.108	0.328	0.3	0.3	0.6	1.28

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

Station Inventory for Station: YELL0104

NPS Station ID: YELL0104
LAT/LON: 44.301281/ 110.200116
Agency: 11NPSYSP
Date Created: 07/07/90
Location: YELLOWSTONE AT MOUTH IN SE ARM
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100000000000003
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.30
On/Off RF1:
RF3 Index: 10070001004205.17
RF3 Mile Point: 6.16
Distance from RF3: 0.27
On/Off RF3:
Description:
STREAM ORDER= 6 WATERSHED SIZE (ha)=116293.5 STREAM LENGTH (km)= 112.6 % GRADIENT= .83
HIGHEST ELEVATION (m)=3304.0 LOWEST ELEVATION (m)=2365.3 NATIVE CUTTHROAT ARE PRESENT.

Parameter Inventory for Station: YELL0104

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: YELL0105

NPS Station ID: YELL0105
LAT/LON: 44.301366/ 110.868088
Agency: 11NPSYSP
Date Created: 07/07/90
Location: PHILLIPS FORK AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401116000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPERSNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 5.60
On/Off RF1:
RF3 Index: 17040203008300.00
RF3 Mile Point: 0.02
Distance from RF3: 0.00
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 267.78 STREAM LENGTH (km)= 1.6 % GRADIENT= 20.32
HIGHEST ELEVATION (m)=2560.3 LOWEST ELEVATION (m)=2511.5 NATIVE CUTTHROAT AND A THERMAL INFLUENCE.

Parameter Inventory for Station: YELL0105

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: YELL0106

NPS Station ID: YELL0106
LAT/LON: 44.301366/ 110.868227
Agency: 11NPSYSP
Date Created: 07/07/90
Location: PHILLIPS FORK AT HOURGLASS FALLS
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401116000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORHTWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040203
RF1 Mile Point: 0.000
Distance from RF1: 0.50
On/Off RF1:
RF3 Index: 17040203061300.00
RF3 Mile Point: 0.07
Distance from RF3: 0.03
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 267.78 STREAM LENGTH (km)= 1.6 % GRADIENT= 3.05
HIGHEST ELEVATION (m)=2560.3 LOWEST ELEVATION (m)=2511.6

Parameter Inventory for Station: YELL0106

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: YELL0107

NPS Station ID: YELL0107
LAT/LON: 44.301504/ 110.650142
Agency: 11NPSYSP
Date Created: 07/07/90
Location: STREAM 300412 AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 300412000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 17040101004300.02
RF3 Mile Point: 0.02
Distance from RF3: 0.16
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 677.32 STREAM LENGTH (km)= 6.6 % GRADIENT= 2.96
HIGHEST ELEVATION (m)=2584.7 LOWEST ELEVATION (m)=2389.6 THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0107

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: YELL0108

NPS Station ID: YELL0108 LAT/LON: 44.317476/ 110.234726 Agency: 11NPSYSP Date Created: 05/24/86
Location: YELLOWSTONE L. SOUTHEAST ARM OLI SAMPLE SITE FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100000000000086
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 186 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001050 RF1 Mile Point: 19.040 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10070001006903.82 RF3 Mile Point: 5.23 Distance from RF3: 0.30 On/Off RF3:
Description:
ELEVATION (m)=2357 CAPACITY (m cubed)=1.4 E10 DRAINAGE AREA (ha)= 261590 SURFACE AREA (ha)= 35400
AVERAGE DEPTH (m)=42.4 MAX DEPTH (m)=57.91 NATIVE CUTTHROAT AND LONGNOSE DACE, INTRODUCED LONGNOSE SUCKER, REDSIDE SHINER AND LAKE CHUB.

Parameter Inventory for Station: YELL0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/77-09/27/84	23	11.	10.909	17.5	3.	18.085	4.253	3.7	8.5	14.5	15.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/26/77-09/27/82	22	7.3	6.862	12.2	1.21	7.929	2.816	3.195	4.44	8.65	11.16
00080	COLOR (PLATINUM-COBALT UNITS)	05/26/77-09/27/84	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	05/26/77-09/27/84	23	0.	0.043	1.	0.	0.043	0.209	0.	0.	0.	0.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/77-09/27/84	22	79.	82.273	130.	53.	201.922	14.21	72.9	76.75	84.25	97.
00400	PH (STANDARD UNITS)	05/26/77-09/27/84	22	7.4	7.327	7.6	6.8	0.028	0.167	7.2	7.2	7.4	7.54
00400	CONVERTED PH (STANDARD UNITS)	05/26/77-09/27/84	22	7.4	7.291	7.6	6.8	0.029	0.171	7.2	7.2	7.4	7.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/77-09/27/84	22	0.04	0.051	0.158	0.025	0.001	0.027	0.03	0.04	0.063	0.063
00405	CARBON DIOXIDE (MG/L AS CO2)	05/26/77-09/27/84	23	7.2	9.787	39.	0.1	88.765	9.422	1.12	2.1	16.	22.2
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/26/77-09/27/84	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/26/77-09/27/84	23	28.	28.13	42.	12.	41.755	6.462	17.	24.	32.	34.8
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/26/77-09/27/84	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	05/26/77-09/27/84	23	28.	28.13	42.	12.	41.755	6.462	17.	24.	32.	34.8
00440	BICARBONATE ION (MG/L AS HCO3)	05/26/77-09/27/84	23	34.	34.174	51.	15.	61.968	7.872	20.4	29.	39.	42.4
00445	CARBONATE ION (MG/L AS CO3)	05/26/77-09/27/84	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-09/27/84	23	61.	61.13	85.	37.	92.573	9.621	48.2	57.	65.	73.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/77-09/27/82	22	0.145	0.173	0.42	0.01	0.02	0.143	0.026	0.05	0.305	0.407
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/26/77-09/27/82	22	0.02	0.08	1.05	0.01	0.048	0.219	0.01	0.01	0.05	0.107
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/26/77-10/01/81	17	0.12	0.174	0.62	0.03	0.02	0.143	0.054	0.06	0.23	0.372
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/27/84	22	0.105	0.12	0.31	0.02	0.006	0.08	0.03	0.06	0.168	0.259
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/27/84	22	0.045	0.069	0.34	0.01	0.005	0.071	0.023	0.03	0.093	0.148
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/24/78-09/27/82	21	0.09	0.1	0.28	0.02	0.005	0.07	0.03	0.045	0.125	0.218
00674	PHOSPHORUS, SUSPENDED ORTHOPHOSPHATE (MG/L AS P)	08/27/79-05/15/80	2	0.08	0.08	0.1	0.06	0.001	0.028	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/26/77-09/27/84	23	3.2	3.726	13.	0.2	7.885	2.808	1.04	2.2	4.3	8.48
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/26/77-09/27/84	23	24.	25.261	36.	12.	26.656	5.163	17.	24.	28.	31.2
00916	CALCIUM, TOTAL (MG/L AS CA)	05/26/77-09/27/84	23	6.6	6.8	9.6	3.2	2.651	1.628	4.32	5.6	8.	9.04
00920	MAGNESIUM (MG/L AS CACO3)	05/26/77-09/27/84	23	8.	8.274	18.	2.	14.371	3.791	4.	5.	11.3	12.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/26/77-09/27/84	23	1.9	2.052	4.4	0.5	0.805	0.897	0.94	1.5	2.8	2.96
00929	SODIUM, TOTAL (MG/L AS NA)	05/26/77-09/27/84	23	8.4	8.393	13.	5.	2.193	1.481	6.74	7.7	9.	9.84
00937	POTASSIUM, TOTAL MG/L AS K)	05/26/77-09/27/84	23	1.5	1.485	2.2	0.14	0.206	0.454	0.79	1.3	1.8	1.968
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-09/27/84	23	4.	4.652	14.	1.	9.601	3.099	1.4	3.	5.	10.

** - Less than 9 observations ## - 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: YELL0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	05/26/77-09/27/84	23	8.	8.783	15.	6.	4.905	2.215	6.	7.	10.	11.6
00951	FLUORIDE, TOTAL (MG/L AS F)	05/26/77-09/27/84	23	0.5	0.505	0.82	0.27	0.008	0.092	0.416	0.48	0.54	0.572
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/26/77-09/27/84	23	8.1	8.23	19.	0.7	20.021	4.475	3.02	4.7	11.	15.
01042	COPPER, TOTAL (UG/L AS CU)	05/26/77-09/27/84	23	100.	94.783	300.	10.	4762.451	69.011	10.	30.	100.	200.
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	05/26/77-09/27/84	23	11.2	11.213	12.3	9.6	0.299	0.547	10.48	11.	11.5	11.86
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/26/77-09/27/84	23	0.09	0.131	0.62	0.02	0.015	0.124	0.024	0.06	0.16	0.246
71830	HYDROXIDE ION (MG/L AS OH)	05/26/77-09/27/84	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71875	HYDROGEN SULFIDE (MG/L)	09/27/84-09/27/84	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	05/26/77-09/27/84	23	50.	65.217	400.	50.	5326.087	72.98	50.	50.	50.	50.
74010	IRON, TOTAL (MG/L AS FE)	05/26/77-09/27/84	23	0.02	0.033	0.11	0.01	0.001	0.03	0.01	0.01	0.05	0.092
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/26/77-09/27/84	23	0.5	0.748	3.5	0.3	0.507	0.712	0.3	0.3	1.	1.46

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

EPA Water Quality Criteria Analysis for Station: YELL0108

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	22	0	0.00				2	0	0.00	9	0	0.00	11	0	0.00
		Other-Lo Lim.	6.5	22	0	0.00				2	0	0.00	9	0	0.00	11	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	22	0	0.00				3	0	0.00	9	0	0.00	10	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	23	0	0.00				3	0	0.00	9	0	0.00	11	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	23	0	0.00				3	0	0.00	9	0	0.00	11	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	23	18	0.78				3	3	1.00	9	7	0.78	11	8	0.73
		Drinking Water	1300.	23	0	0.00				3	0	0.00	9	0	0.00	11	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	23	0	0.00				3	0	0.00	9	0	0.00	11	0	0.00

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

Seasonal Analysis for Season #2: 4/16 to 6/15 - Station YELL0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/77-09/27/84	3	3.5	3.6	4.3	3.	0.43	0.656	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/26/77-09/27/84	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	05/26/77-09/27/84	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/77-09/27/84	3	78.	78.333	80.	77.	2.333	1.528	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/77-09/27/84	2	7.	7.	7.2	6.8	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/26/77-09/27/84	2	6.955	6.955	7.2	6.8	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/77-09/27/84	2	0.111	0.111	0.158	0.063	0.005	0.067	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/26/77-09/27/84	3	7.2	16.167	39.	2.3	397.023	19.925	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/26/77-09/27/84	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/26/77-09/27/84	3	31.	30.333	32.	28.	4.333	2.082	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/26/77-09/27/84	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	05/26/77-09/27/84	3	31.	30.333	32.	28.	4.333	2.082	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/26/77-09/27/84	3	37.	36.667	39.	34.	6.333	2.517	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/26/77-09/27/84	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-09/27/84	3	65.	68.667	77.	64.	52.333	7.234	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/27/84	2	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/27/84	2	0.095	0.095	0.1	0.09	0.	0.007	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/26/77-09/27/84	3	3.8	3.667	4.4	2.8	0.653	0.808	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/26/77-09/27/84	3	28.	29.333	36.	24.	37.333	6.11	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	05/26/77-09/27/84	3	7.2	7.2	8.	6.4	0.64	0.8	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	05/26/77-09/27/84	3	12.	11.333	18.	4.	49.333	7.024	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/26/77-09/27/84	3	2.9	2.767	4.4	1.	2.903	1.704	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	05/26/77-09/27/84	3	9.4	9.333	10.	8.6	0.493	0.702	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	05/26/77-09/27/84	3	1.7	1.5	1.7	1.1	0.12	0.346	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-09/27/84	3	1.	3.	7.	1.	12.	3.464	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/26/77-09/27/84	3	8.	8.667	11.	7.	4.333	2.082	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	05/26/77-09/27/84	3	0.5	0.493	0.5	0.48	0.	0.012	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/26/77-09/27/84	3	11.	10.367	12.	8.1	4.103	2.026	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/26/77-09/27/84	3	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	05/26/77-09/27/84	3	11.4	11.133	11.6	10.4	0.413	0.643	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/26/77-09/27/84	3	0.09	0.1	0.12	0.09	0.	0.017	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/26/77-09/27/84	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	05/26/77-09/27/84	3	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/26/77-09/27/84	3	0.02	0.027	0.05	0.01	0.	0.021	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/26/77-09/27/84	3	0.6	0.533	0.6	0.4	0.013	0.115	**	**	**	**

** - Less than 9 observations ## - Computed 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: 6/16 to 8/15 - Station YELL0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/77-09/27/84	9	14.	12.256	17.5	4.	19.625	4.43	4.	8.25	15.4	17.5
00080	COLOR (PLATINUM-COBALT UNITS)	05/26/77-09/27/84	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	05/26/77-09/27/84	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/77-09/27/84	8	78.	79.	97.	53.	167.143	12.928	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/77-09/27/84	9	7.3	7.3	7.4	7.2	0.01	0.1	7.2	7.2	7.4	7.4
00400	CONVERTED PH (STANDARD UNITS)	05/26/77-09/27/84	9	7.3	7.29	7.4	7.2	0.01	0.101	7.2	7.2	7.4	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/77-09/27/84	9	0.05	0.051	0.063	0.04	0.	0.012	0.04	0.04	0.063	0.063
00405	CARBON DIOXIDE (MG/L AS CO2)	05/26/77-09/27/84	9	7.	7.578	16.4	1.3	31.689	5.629	1.3	2.7	12.5	16.4
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/26/77-09/27/84	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/26/77-09/27/84	9	28.	28.333	36.	15.	38.25	6.185	15.	25.5	32.5	36.
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/26/77-09/27/84	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	05/26/77-09/27/84	9	28.	28.333	36.	15.	38.25	6.185	15.	25.5	32.5	36.
00440	BICARBONATE ION (MG/L AS HCO3)	05/26/77-09/27/84	9	34.	34.444	44.	18.	58.278	7.634	18.	31.	39.5	44.
00445	CARBONATE ION (MG/L AS CO3)	05/26/77-09/27/84	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-09/27/84	9	59.	55.778	65.	37.	82.694	9.094	37.	50.5	63.	65.
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/27/84	9	0.12	0.12	0.31	0.03	0.008	0.087	0.03	0.045	0.16	0.31

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

Seasonal Analysis for Season #3: 6/16 to 8/15 - Station YELL0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/27/84	9	0.03	0.063	0.16	0.01	0.003	0.051	0.01	0.03	0.11	0.16
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/26/77-09/27/84	9	3.2	3.022	4.9	0.4	1.649	1.284	0.4	2.35	3.85	4.9
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/26/77-09/27/84	9	24.	23.778	32.	15.	22.194	4.711	15.	21.5	26.	32.
00916	CALCIUM, TOTAL (MG/L AS CA)	05/26/77-09/27/84	9	6.4	6.333	8.	4.	1.84	1.356	4.	5.2	7.6	8.
00920	MAGNESIUM (MG/L AS CACO3)	05/26/77-09/27/84	9	8.	8.	12.	4.	9.25	3.041	4.	5.5	11.5	12.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/26/77-09/27/84	9	1.9	2.044	2.9	1.2	0.408	0.639	1.2	1.5	2.8	2.9
00929	SODIUM, TOTAL (MG/L AS NA)	05/26/77-09/27/84	9	7.7	7.433	9.	5.	1.348	1.161	5.	6.85	8.1	9.
00937	POTASSIUM, TOTAL MG/L AS K)	05/26/77-09/27/84	9	1.5	1.437	1.92	0.65	0.16	0.4	0.65	1.18	1.75	1.92
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-09/27/84	9	4.	4.	6.	2.	2.	1.414	2.	2.5	5.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/26/77-09/27/84	9	8.	8.	11.	6.	3.	1.732	6.	6.5	9.5	11.
00951	FLUORIDE, TOTAL (MG/L AS F)	05/26/77-09/27/84	9	0.5	0.48	0.58	0.27	0.008	0.087	0.27	0.465	0.52	0.58
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/26/77-09/27/84	9	11.	9.389	17.	4.7	16.404	4.05	4.7	5.55	11.5	17.
01042	COPPER, TOTAL (UG/L AS CU)	05/26/77-09/27/84	9	100.	102.222	200.	10.	4519.444	67.227	10.	55.	150.	200.
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	05/26/77-09/27/84	9	11.2	11.211	11.8	10.8	0.086	0.293	10.8	11.	11.4	11.8
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/26/77-09/27/84	9	0.09	0.118	0.27	0.02	0.006	0.076	0.02	0.075	0.175	0.27
71830	HYDROXIDE ION (MG/L AS OH)	05/26/77-09/27/84	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	05/26/77-09/27/84	9	50.	88.889	400.	50.	13611.111	116.667	50.	50.	50.	400.
74010	IRON, TOTAL (MG/L AS FE)	05/26/77-09/27/84	9	0.04	0.042	0.11	0.01	0.001	0.035	0.01	0.01	0.065	0.11
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/26/77-09/27/84	9	1.	1.156	3.5	0.3	0.99	0.995	0.3	0.4	1.45	3.5

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

Seasonal Analysis for Season #4: 8/16 to 10/31 - Station YELL0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/77-09/27/84	11	11.	11.8	15.5	9.	5.47	2.339	9.1	9.5	14.5	15.4
00080	COLOR (PLATINUM-COBALT UNITS)	05/26/77-09/27/84	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	05/26/77-09/27/84	11	0.	0.091	1.	0.	0.091	0.302	0.	0.	0.	0.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/77-09/27/84	11	79.	85.727	130.	72.	280.218	16.74	72.6	76.	96.	123.4
00400	PH (STANDARD UNITS)	05/26/77-09/27/84	11	7.4	7.409	7.6	7.2	0.013	0.114	7.22	7.4	7.4	7.6
00400	CONVERTED PH (STANDARD UNITS)	05/26/77-09/27/84	11	7.4	7.396	7.6	7.2	0.013	0.114	7.22	7.4	7.4	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/77-09/27/84	11	0.04	0.04	0.063	0.025	0.	0.01	0.025	0.04	0.04	0.061
00405	CARBON DIOXIDE (MG/L AS CO2)	05/26/77-09/27/84	11	9.8	9.855	23.	0.1	73.919	8.598	0.28	1.4	18.	22.6
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/26/77-09/27/84	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/26/77-09/27/84	11	28.	27.364	42.	12.	58.255	7.632	13.6	24.	31.	40.2
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/26/77-09/27/84	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	05/26/77-09/27/84	11	28.	27.364	42.	12.	58.255	7.632	13.6	24.	31.	40.2
00440	BICARBONATE ION (MG/L AS HCO3)	05/26/77-09/27/84	11	34.	33.273	51.	15.	85.618	9.253	16.8	29.	38.	48.8
00445	CARBONATE ION (MG/L AS CO3)	05/26/77-09/27/84	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/77-09/27/84	11	61.	63.455	85.	50.	78.273	8.847	51.4	60.	68.	81.8
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/27/84	11	0.12	0.125	0.28	0.02	0.007	0.086	0.022	0.06	0.19	0.266
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/27/84	11	0.03	0.068	0.34	0.02	0.008	0.092	0.022	0.03	0.06	0.284
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/26/77-09/27/84	11	2.5	4.318	13.	0.2	15.064	3.881	0.56	2.	7.7	12.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/26/77-09/27/84	11	25.	25.364	30.	12.	26.455	5.143	14.4	24.	30.	30.
00916	CALCIUM, TOTAL (MG/L AS CA)	05/26/77-09/27/84	11	8.	7.073	9.6	3.2	3.906	1.976	3.64	5.6	8.8	9.52
00920	MAGNESIUM (MG/L AS CACO3)	05/26/77-09/27/84	11	8.	7.664	12.	2.	11.065	3.326	2.4	4.	10.	11.86
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/26/77-09/27/84	11	1.9	1.864	3.	0.5	0.673	0.82	0.58	1.	2.4	2.96
00929	SODIUM, TOTAL (MG/L AS NA)	05/26/77-09/27/84	11	8.6	8.923	13.	7.4	2.245	1.498	7.48	7.8	9.1	12.32
00937	POTASSIUM, TOTAL MG/L AS K)	05/26/77-09/27/84	11	1.5	1.52	2.2	0.14	0.297	0.545	0.352	1.3	1.8	2.16
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/77-09/27/84	11	5.	5.636	14.	2.	14.855	3.854	2.2	3.	6.	13.6
00945	SULFATE, TOTAL (MG/L AS SO4)	05/26/77-09/27/84	11	9.	9.455	15.	6.	6.473	2.544	6.2	8.	11.	14.4
00951	FLUORIDE, TOTAL (MG/L AS F)	05/26/77-09/27/84	11	0.5	0.529	0.82	0.4	0.011	0.106	0.414	0.48	0.54	0.768
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/26/77-09/27/84	11	6.	6.7	19.	0.7	24.95	4.995	1.1	3.5	8.8	17.2
01042	COPPER, TOTAL (UG/L AS CU)	05/26/77-09/27/84	11	100.	87.273	300.	10.	6741.818	82.109	10.	10.	100.	260.
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	05/26/77-09/27/84	11	11.4	11.236	12.3	9.6	0.505	0.71	9.8	11.	11.6	12.22
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/26/77-09/27/84	11	0.12	0.151	0.62	0.02	0.028	0.168	0.022	0.06	0.16	0.538
71830	HYDROXIDE ION (MG/L AS OH)	05/26/77-09/27/84	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

Seasonal Analysis for Season #4: 8/16 to 10/31 - Station YELL0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	05/26/77-09/27/84	11	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
74010	IRON, TOTAL (MG/L AS FE)	05/26/77-09/27/84	11	0.02	0.028	0.1	0.01	0.001	0.028	0.01	0.01	0.05	0.09
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/26/77-09/27/84	11	0.4	0.473	1.1	0.3	0.074	0.272	0.3	0.3	0.5	1.06

** - Less than 9 observations ## - Computed 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: YELL0109

NPS Station ID: YELL0109 LAT/LON: 44.317531/ 110.317253 Agency: 11NPSYSP Date Created: 05/24/86
Location: YELLOWSTONE L. SOUTH ARM OLI SAMPLE SITE # 2 FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100000000000082
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 98 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001050 RF1 Mile Point: 2.440 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10070001007700.48 RF3 Mile Point: 0.52 Distance from RF3: 0.23 On/Off RF3:
Description:
ELEVATION (m)= 2357 CAPACITY (m cubed)=1.4 E10 DRAINAGE AREA (ha)= 261590 SURFACE AREA (ha)= 35400
AVERAGE DEPTH (m)=42.4 MAX DEPTH (m)=30.48 NATIVE CUTTHROAT AND LONGNOSE DACE, INTRODUCED LONGNOSE SUCKER, REDSIDE SHINERS, AND LAKE CHUB

Parameter Inventory for Station: YELL0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/76-09/13/84	38	11.25	11.024	17.5	3.	15.719	3.965	4.	8.45	14.5	15.55
00078p	TRANSPARENCY, SECCHI DISC (METERS)	07/19/76-09/13/84	36	8.22	8.862	21.6	4.5	9.458	3.075	6.045	7.003	9.938	12.16
00080p	COLOR (PLATINUM-COBALT UNITS)	07/19/76-09/13/84	38	0.	0.395	5.	0.	1.867	1.366	0.	0.	0.	0.5
00085p	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/19/76-09/13/84	38	0.	0.132	1.	0.	0.117	0.343	0.	0.	0.	1.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/19/76-09/13/84	38	84.5	87.421	145.	67.	235.548	15.348	72.8	76.	95.	108.3
00400p	PH (STANDARD UNITS)	07/19/76-09/13/84	36	7.4	7.383	7.8	7.	0.037	0.192	7.2	7.2	7.4	7.73
00400p	CONVERTED PH (STANDARD UNITS)	07/19/76-09/13/84	36	7.4	7.345	7.8	7.	0.038	0.196	7.2	7.2	7.4	7.73
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/76-09/13/84	36	0.04	0.045	0.1	0.016	0.	0.018	0.019	0.04	0.063	0.063
00405p	CARBON DIOXIDE (MG/L AS CO2)	07/19/76-09/13/84	38	3.65	6.487	37.	0.9	61.437	7.838	1.19	1.875	7.7	14.
00415p	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/19/76-09/13/84	38	0.	0.737	28.	0.	20.632	4.542	0.	0.	0.	0.
00425p	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/19/76-09/13/84	38	32.	31.789	42.	20.	27.09	5.205	24.	28.	36.	36.6
00430p	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/19/76-09/13/84	38	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431p	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/19/76-09/13/84	38	32.	31.789	42.	20.	27.09	5.205	24.	28.	36.	36.6
00440p	BICARBONATE ION (MG/L AS HCO3)	07/19/76-09/13/84	38	39.	38.605	51.	24.	40.624	6.374	29.	34.	43.	44.7
00445p	CARBONATE ION (MG/L AS CO3)	07/19/76-09/13/84	38	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/76-09/13/84	38	69.5	69.421	100.	36.	152.304	12.341	57.2	61.5	76.25	85.5
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/76-10/05/83	33	0.2	0.219	0.78	0.01	0.032	0.18	0.018	0.075	0.35	0.428
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/19/76-10/05/83	33	0.02	0.039	0.37	0.01	0.004	0.065	0.01	0.015	0.03	0.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/76-09/13/84	26	0.175	0.203	0.93	0.01	0.037	0.193	0.027	0.06	0.288	0.409
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/13/84	28	0.09	0.14	0.78	0.03	0.024	0.157	0.03	0.06	0.19	0.346
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/13/84	28	0.03	0.049	0.19	0.01	0.002	0.044	0.01	0.03	0.06	0.124
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/24/78-10/05/83	24	0.075	0.086	0.32	0.01	0.005	0.069	0.02	0.03	0.12	0.17
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/76-09/13/84	36	3.15	5.011	37.	0.2	40.728	6.382	1.3	2.325	4.65	10.55
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/76-09/13/84	38	26.5	27.763	60.	15.	56.942	7.546	22.	24.	29.25	36.
00916p	CALCIUM, TOTAL (MG/L AS CA)	07/19/76-09/13/84	38	7.2	7.411	16.	4.	4.991	2.234	4.98	6.	8.05	9.6
00920p	MAGNESIUM (MG/L AS CACO3)	07/19/76-09/13/84	38	8.5	9.261	31.1	3.	24.894	4.989	4.	6.	11.025	12.93
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/19/76-09/13/84	38	2.05	2.266	7.6	0.7	1.431	1.196	1.	1.65	2.7	3.15
00929p	SODIUM, TOTAL (MG/L AS NA)	07/19/76-09/13/84	38	9.15	9.045	11.	1.95	2.127	1.459	8.083	8.6	9.8	11.
00937p	POTASSIUM, TOTAL MG/L AS K)	07/19/76-09/13/84	37	1.7	2.158	18.2	0.16	7.902	2.811	1.22	1.5	1.8	2.176
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/19/76-09/13/84	38	5.	4.816	12.	1.	7.452	2.73	1.	2.75	6.	7.3
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/19/76-09/13/84	38	9.5	9.289	14.	4.	5.13	2.265	6.9	8.	11.	12.1

** - 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: YELL0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00951p	FLUORIDE, TOTAL (MG/L AS F)	07/19/76-09/13/84	38	0.58	0.569	0.88	0.1	0.013	0.113	0.5	0.518	0.6	0.7
00955p	SILICA, DISSOLVED (MG/L AS SI02)	07/19/76-09/13/84	38	6.05	7.039	19.	1.3	17.286	4.158	2.35	3.9	10.	13.
01002	ARSENIC, TOTAL (UG/L AS AS)	07/19/76-10/19/76	3	10.	10.	10.	10.	0.	0.	**	**	**	**
01042p	COPPER, TOTAL (UG/L AS CU)	07/19/76-09/13/84	38	100.	87.105	300.	10.	3902.205	62.468	10.	30.	100.	200.
70312p	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/19/76-09/13/84	38	11.	10.876	12.	7.7	0.518	0.72	10.27	10.7	11.225	11.5
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/19/76-08/21/84	36	0.09	0.136	0.93	0.01	0.028	0.167	0.02	0.038	0.15	0.332
71830p	HYDROXIDE ION (MG/L AS OH)	07/19/76-09/13/84	38	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71875	HYDROGEN SULFIDE (MG/L)	06/20/84-09/13/84	4	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71883p	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/19/76-09/13/84	38	50.	67.105	700.	50.	11118.421	105.444	50.	50.	50.	50.
74010p	IRON, TOTAL (MG/L AS FE)	07/19/76-09/13/84	38	0.04	0.042	0.13	0.01	0.001	0.034	0.01	0.01	0.05	0.1
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/19/76-09/13/84	38	0.5	0.453	1.	0.2	0.027	0.164	0.2	0.3	0.5	0.61

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

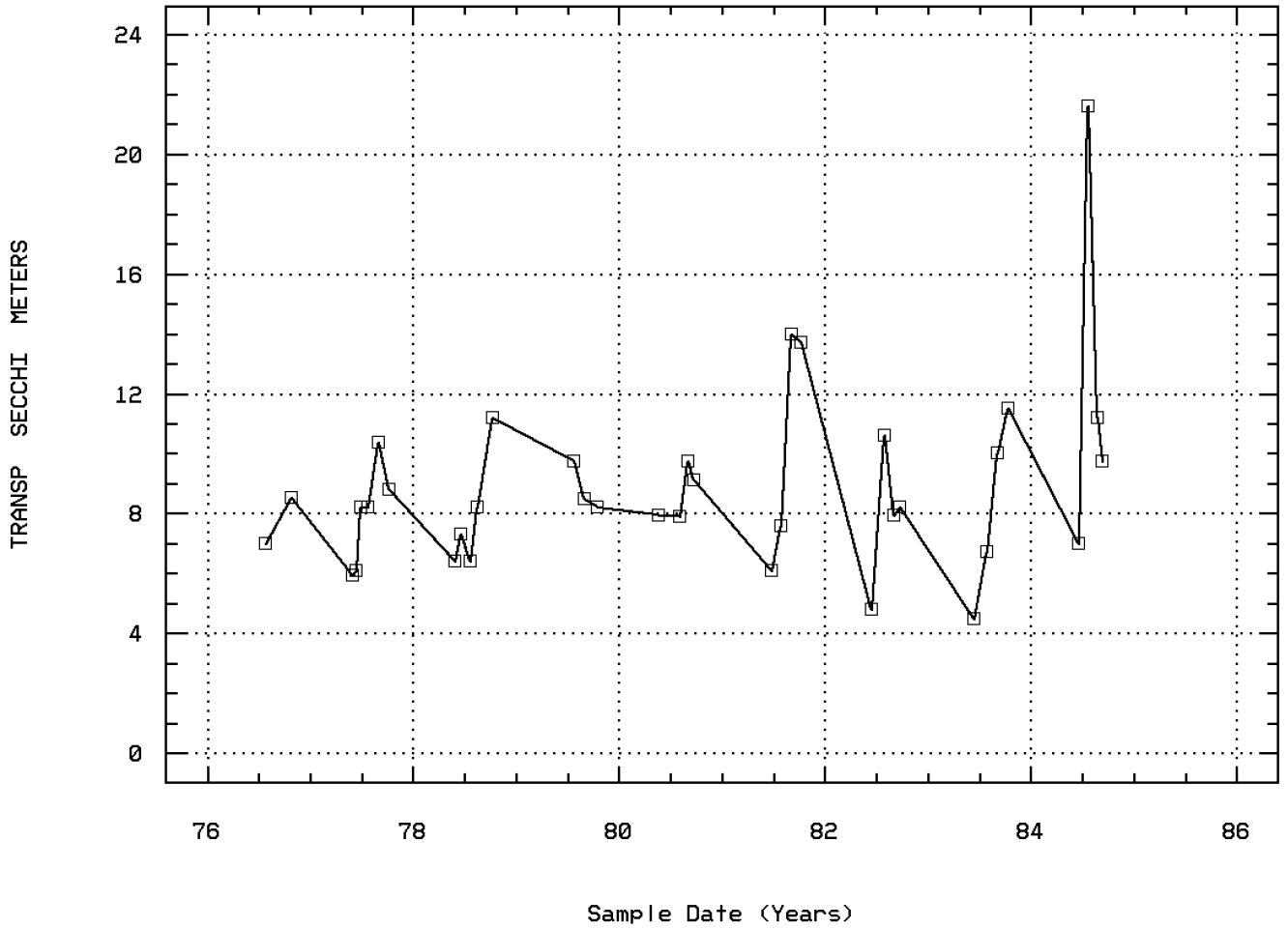
EPA Water Quality Criteria Analysis for Station: YELL0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	36	0	0.00				4	0	0.00	16	0	0.00	16	0	0.00
		Other-Lo Lim.	6.5	36	0	0.00				4	0	0.00	16	0	0.00	16	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	33	0	0.00				5	0	0.00	14	0	0.00	14	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	38	0	0.00				5	0	0.00	17	0	0.00	16	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	38	0	0.00				5	0	0.00	17	0	0.00	16	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00							2	0	0.00	1	0	0.00
		Drinking Water	50.	3	0	0.00							2	0	0.00	1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	38	31	0.82				5	4	0.80	17	14	0.82	16	13	0.81
		Drinking Water	1300.	38	0	0.00				5	0	0.00	17	0	0.00	16	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	38	0	0.00				5	0	0.00	17	0	0.00	16	0	0.00

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

Station: YELL0109 Parameter Code: 00078

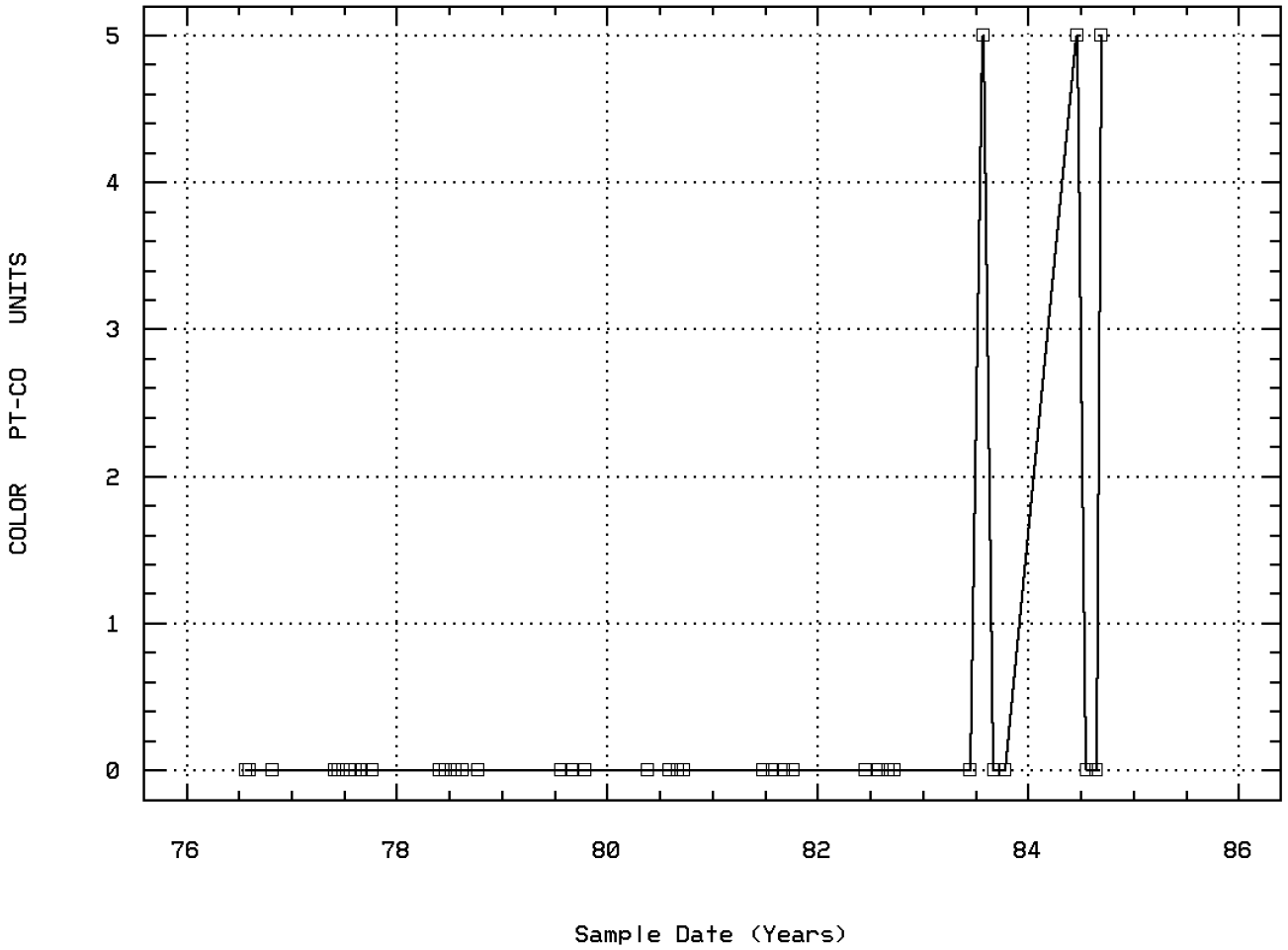
TRANSPARENCY, SECCHI DISC (METERS)



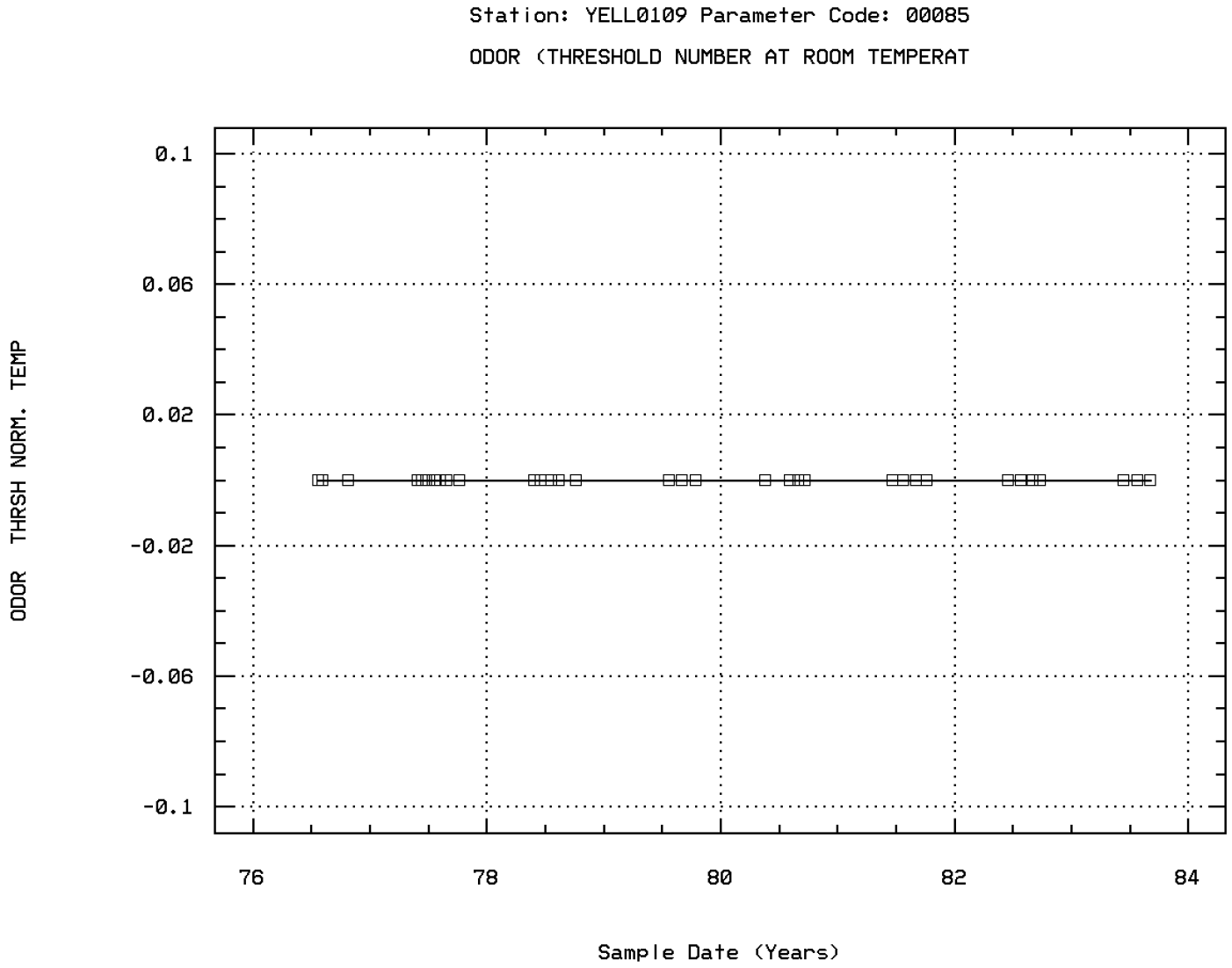
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00080

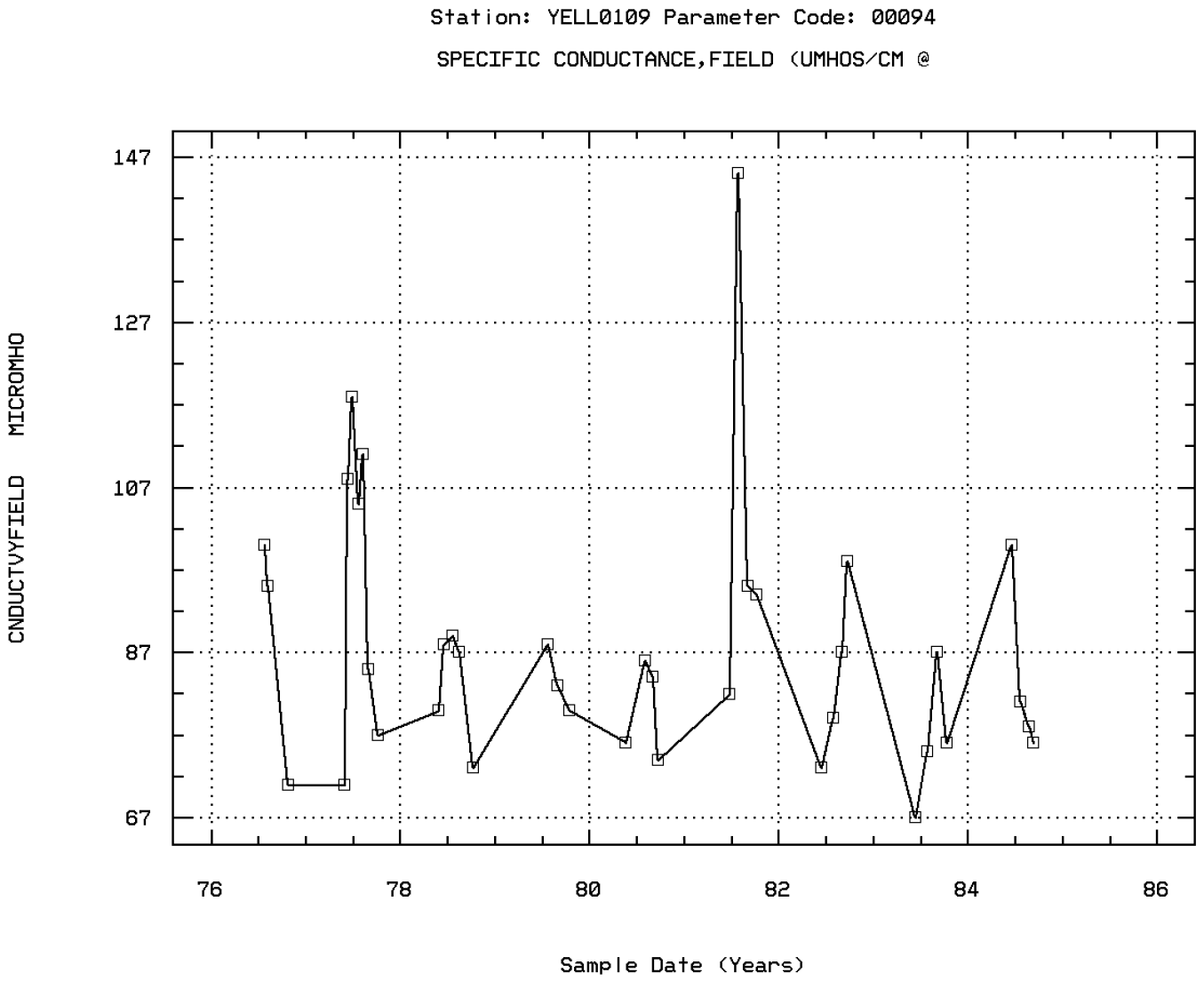
COLOR (PLATINUM-COBALT UNITS)



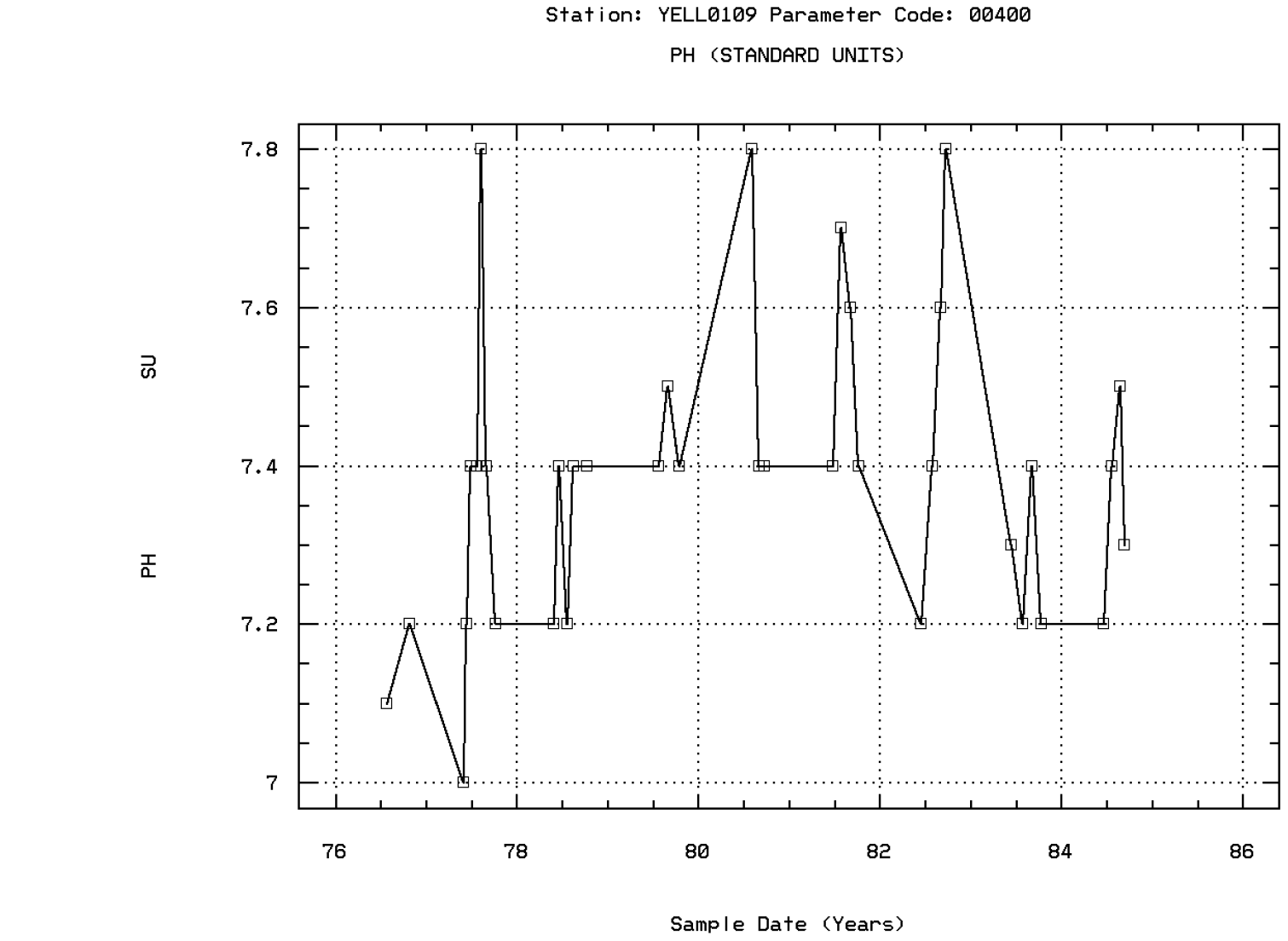
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



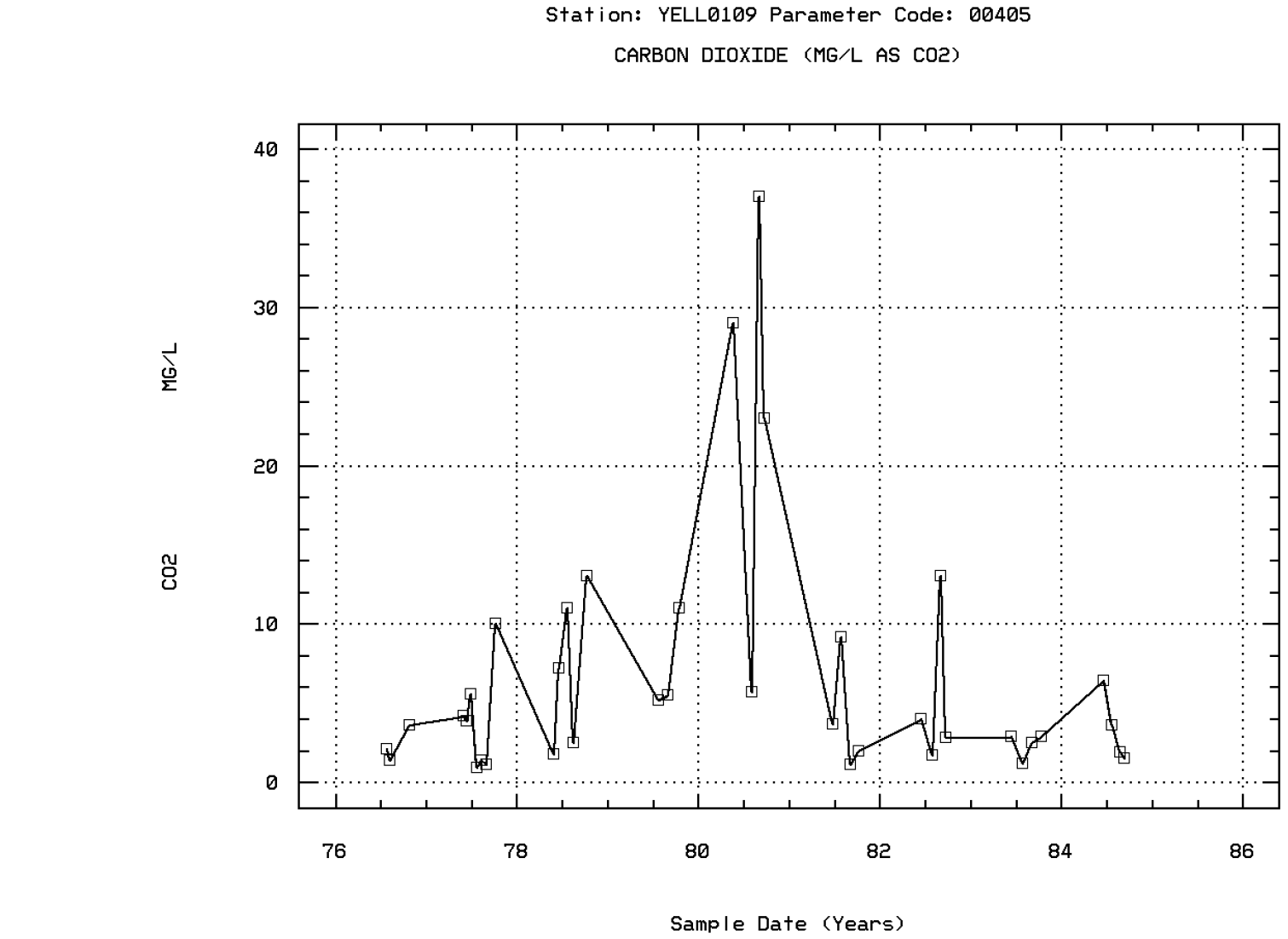
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



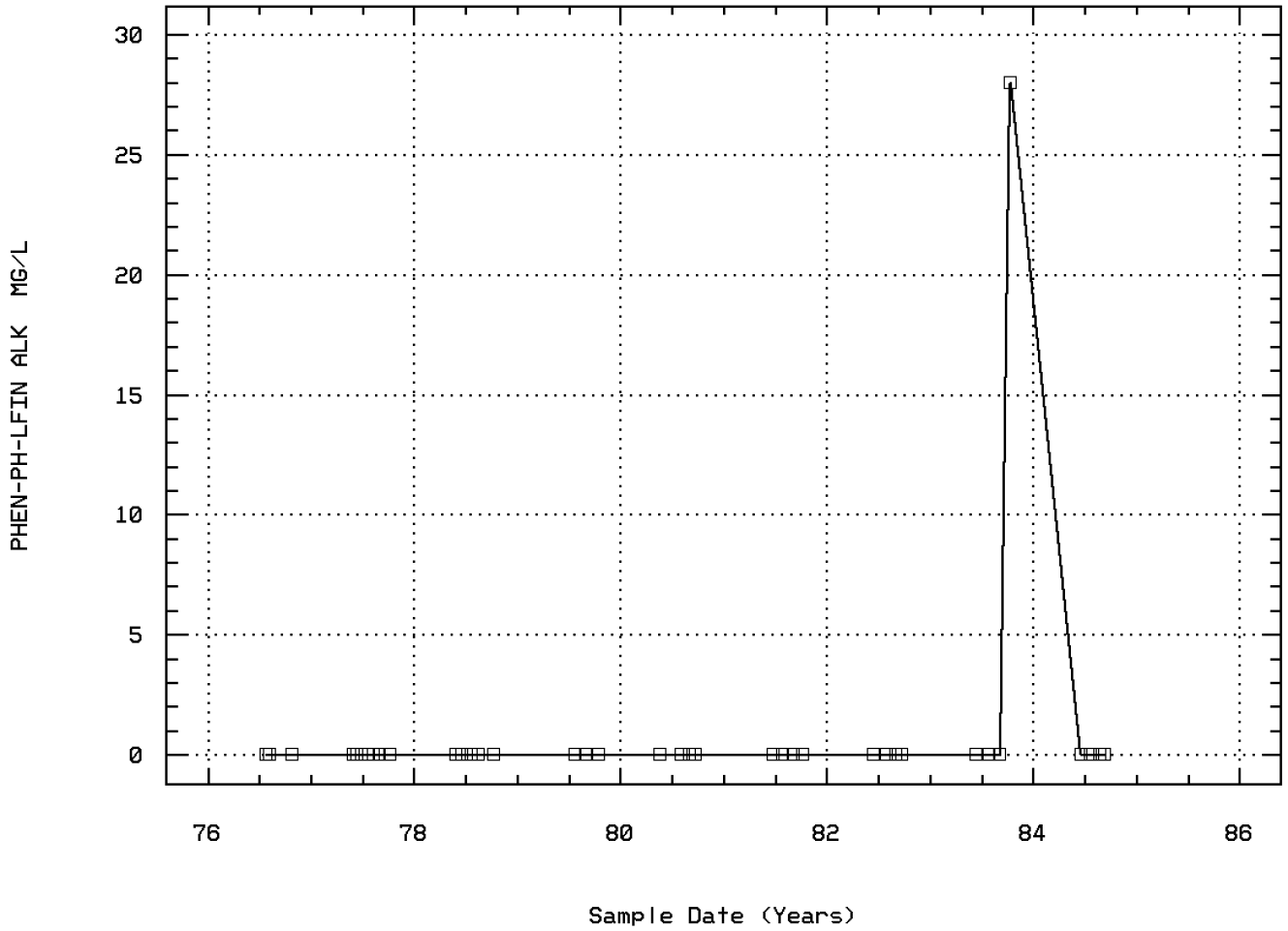
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00415

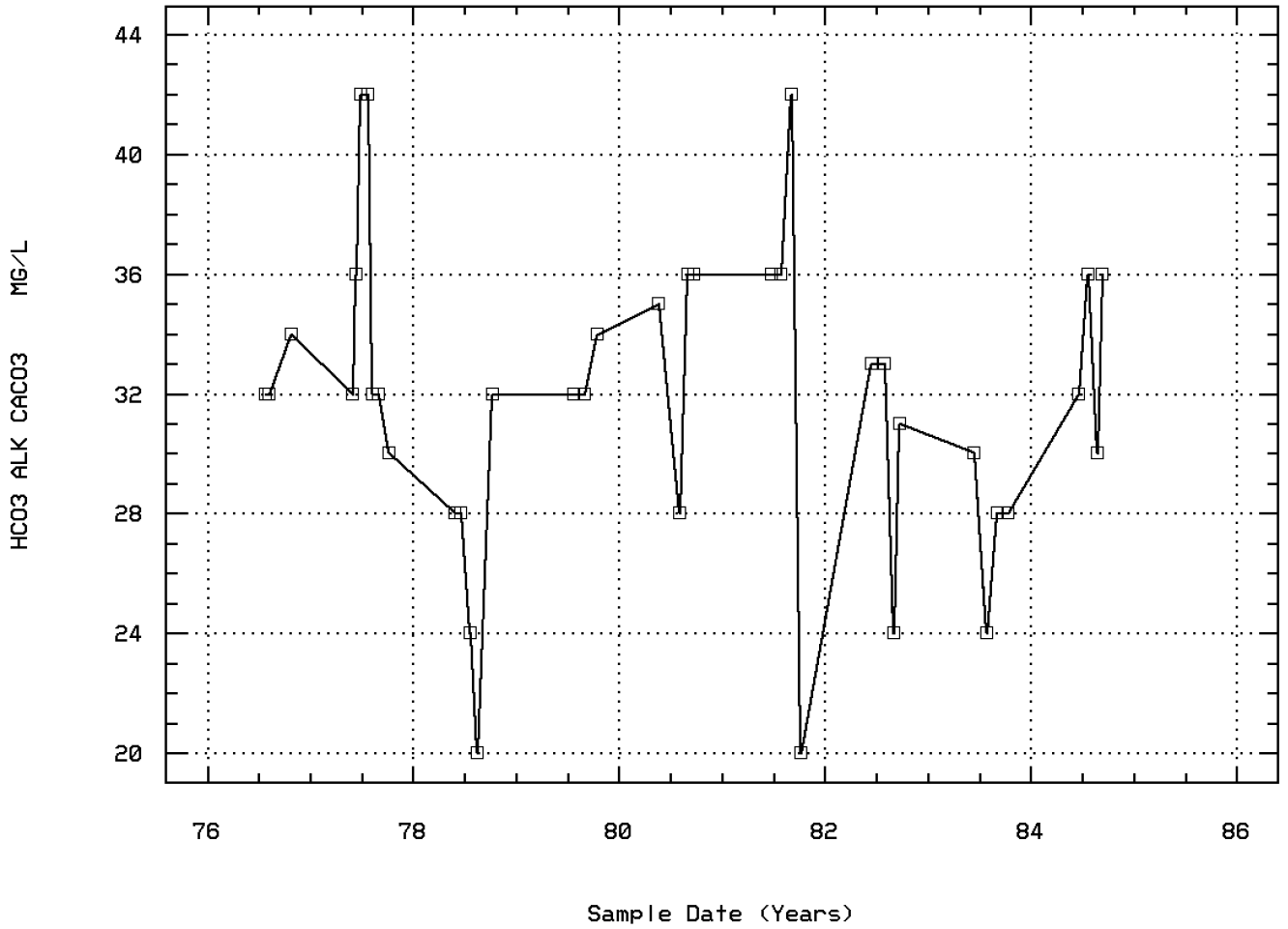
ALKALINITY, PHENOLPHTHALEIN (MG/L)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00425

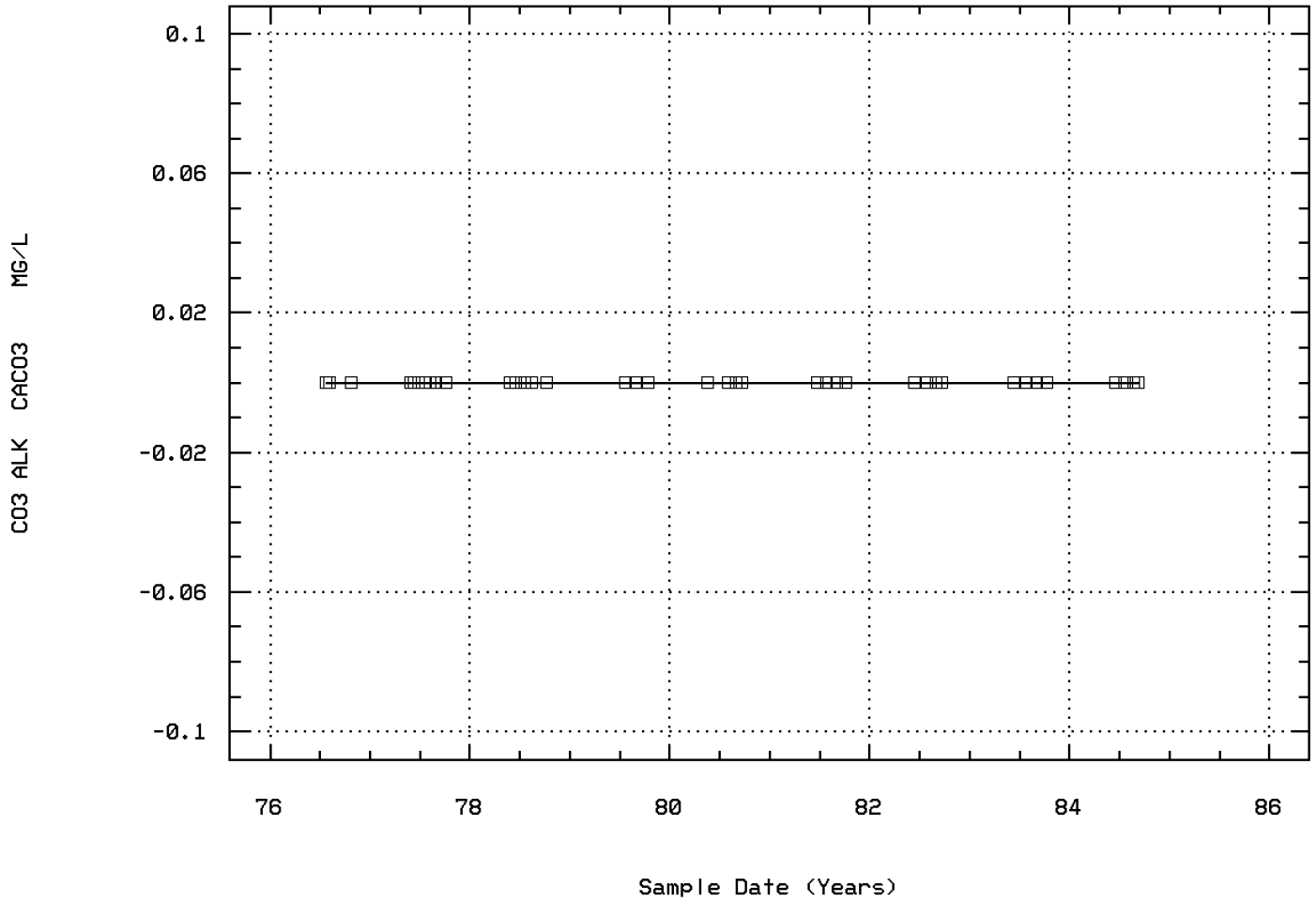
ALKALINITY, BICARBONATE (MG/L AS CACO3)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00430

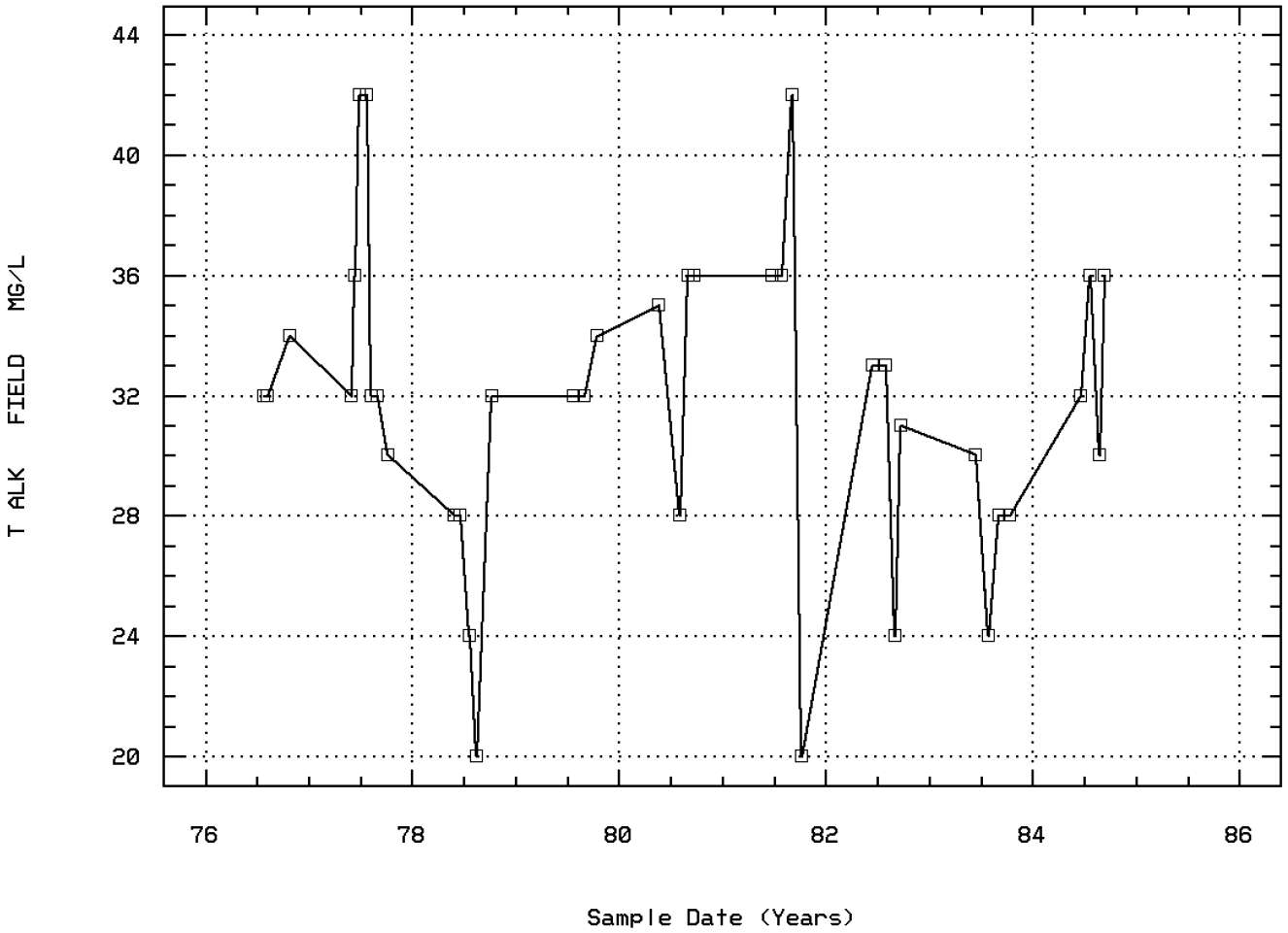
ALKALINITY, CARBONATE (MG/L AS CACO3)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00431

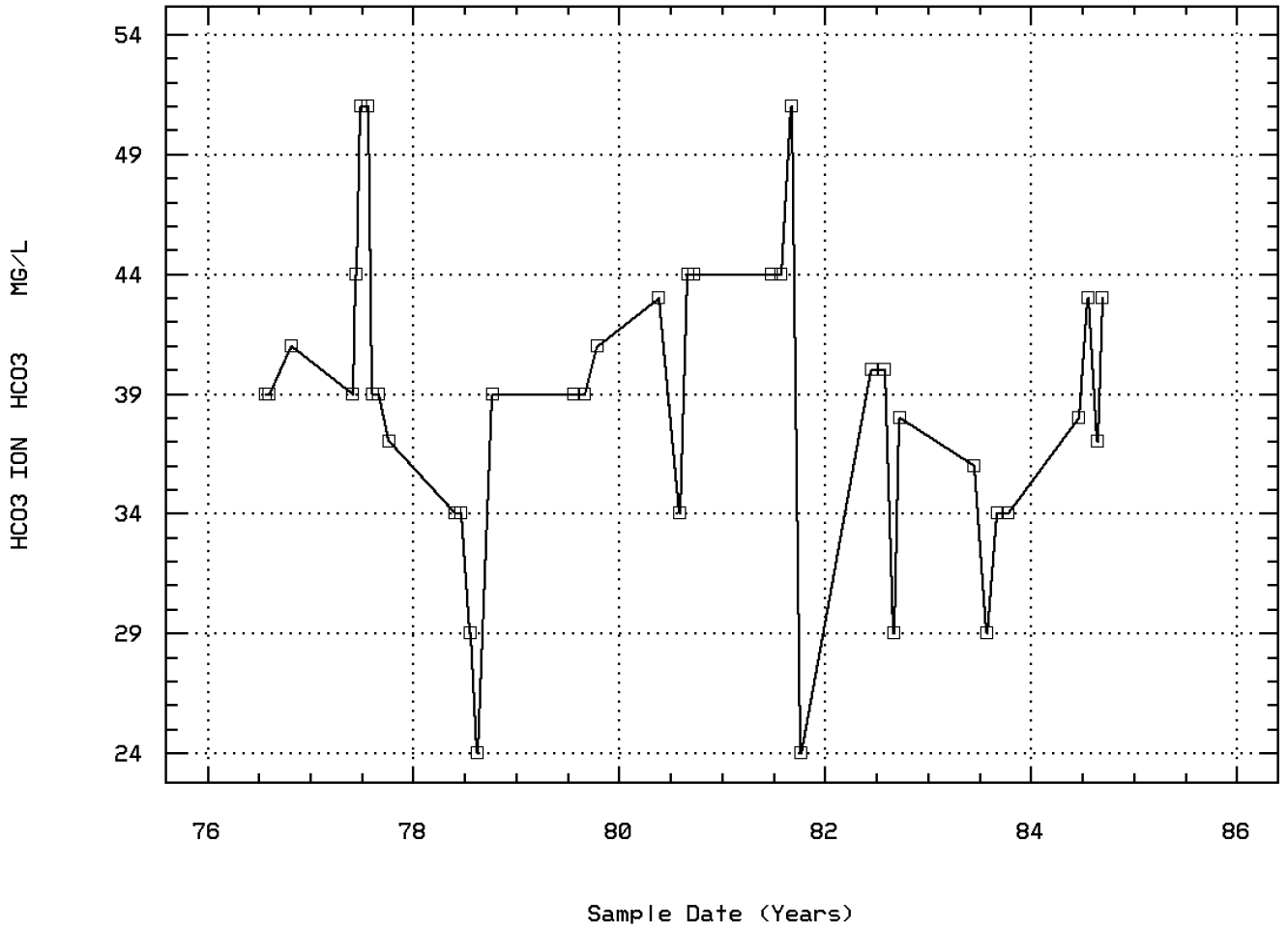
ALKALINITY TOATL FIELD, (MG/L AS CACO3)



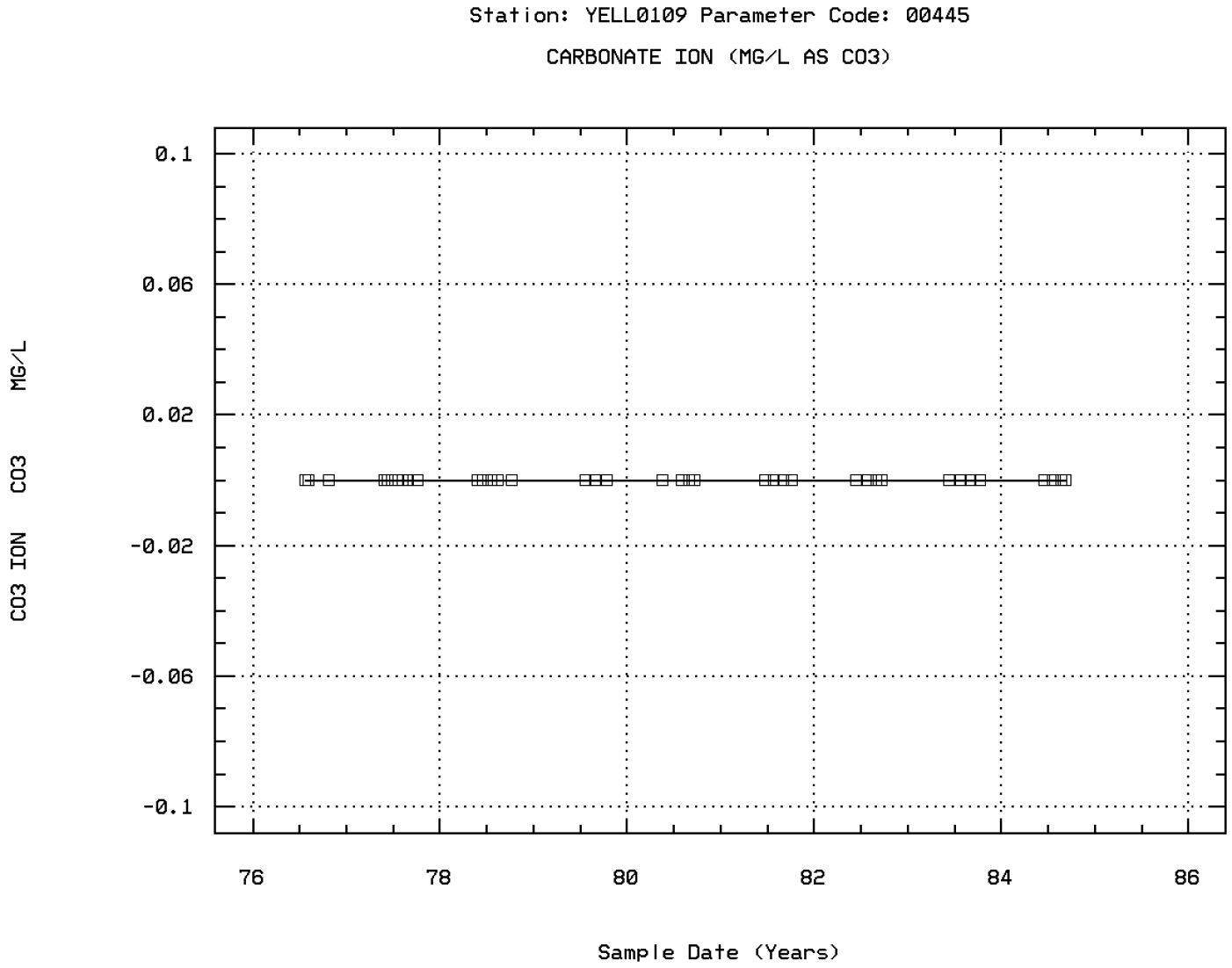
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00440

BICARBONATE ION (MG/L AS HCO3)



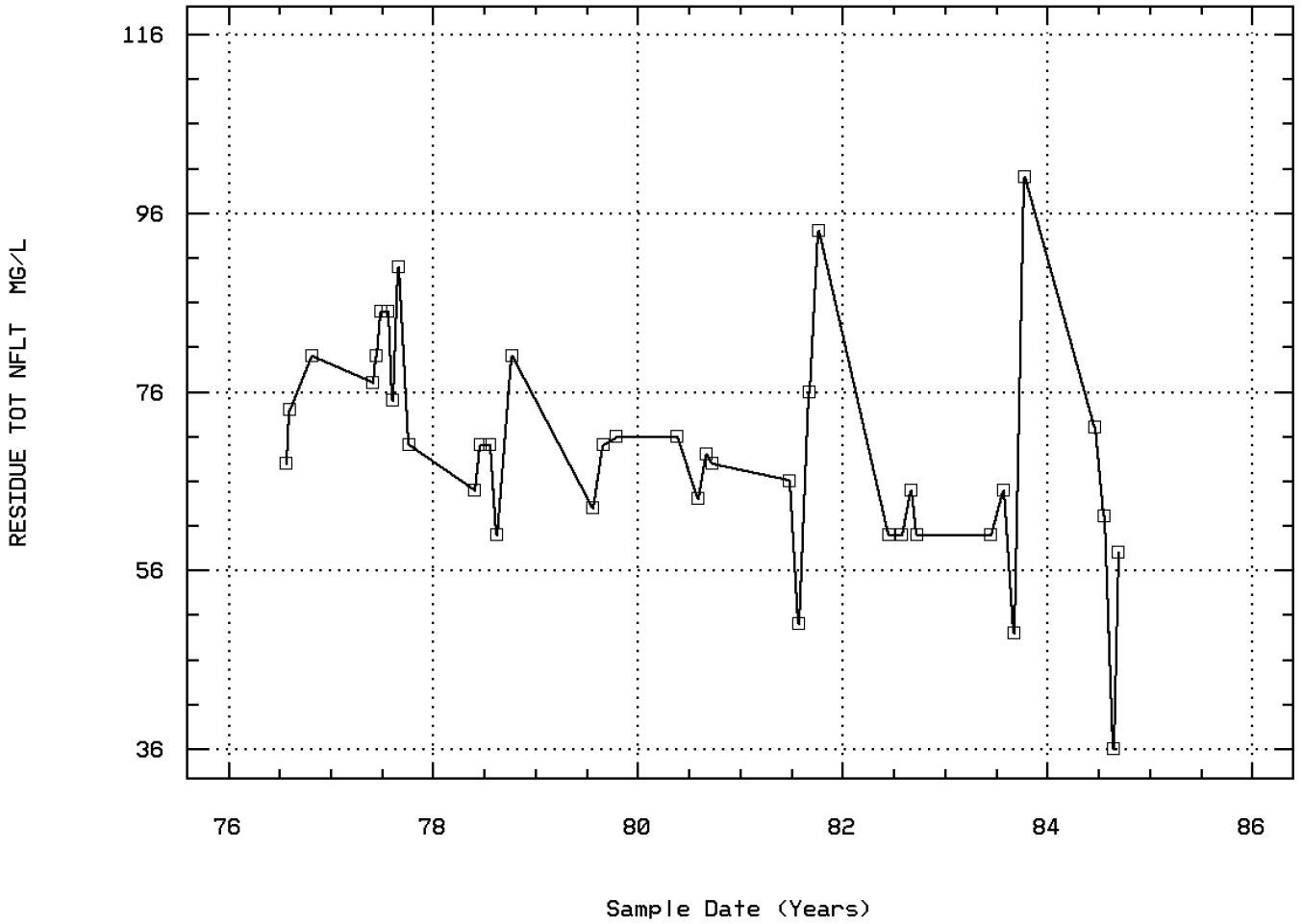
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00530

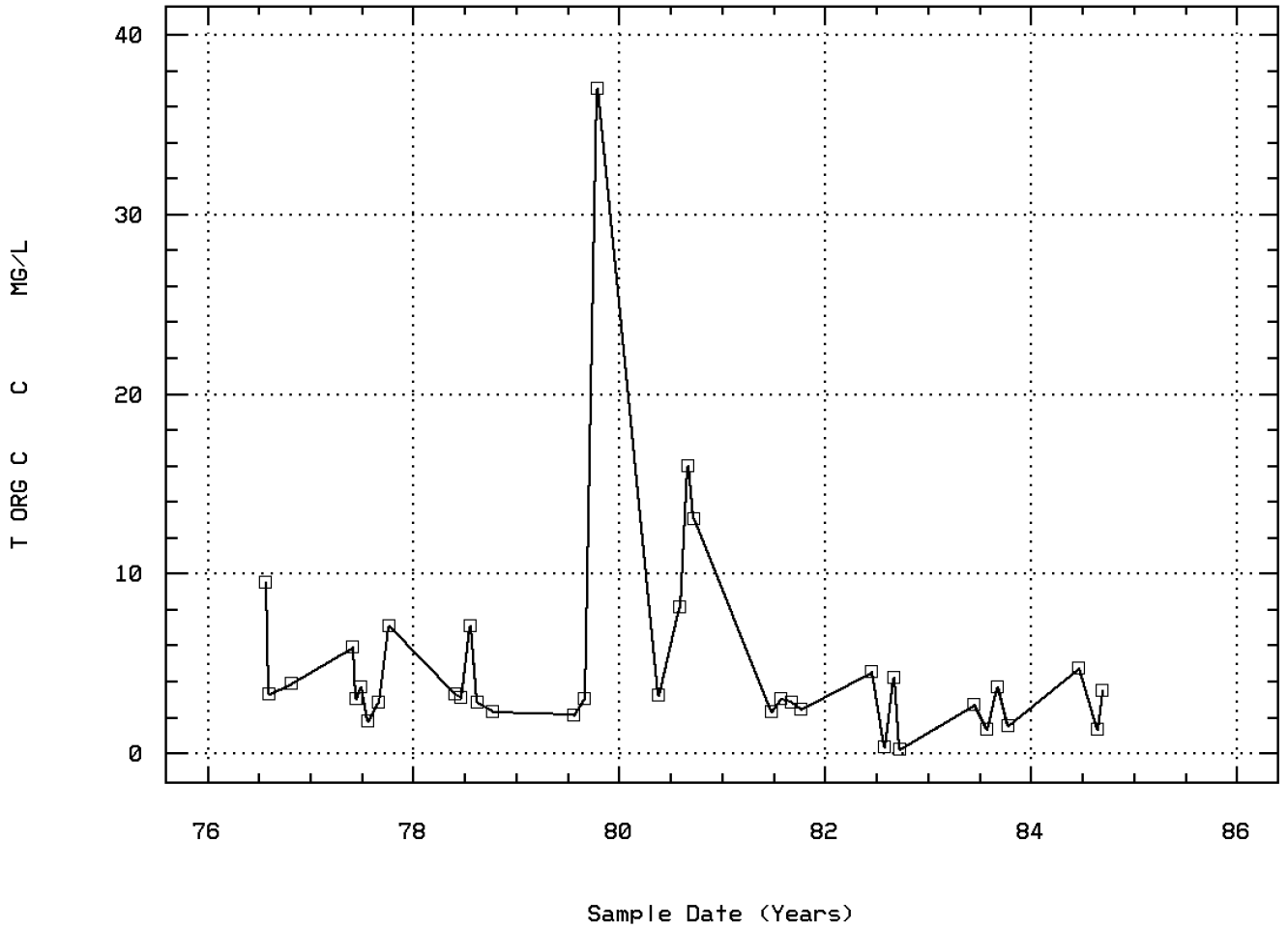
RESIDUE, TOTAL NONFILTRABLE (MG/L)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00680

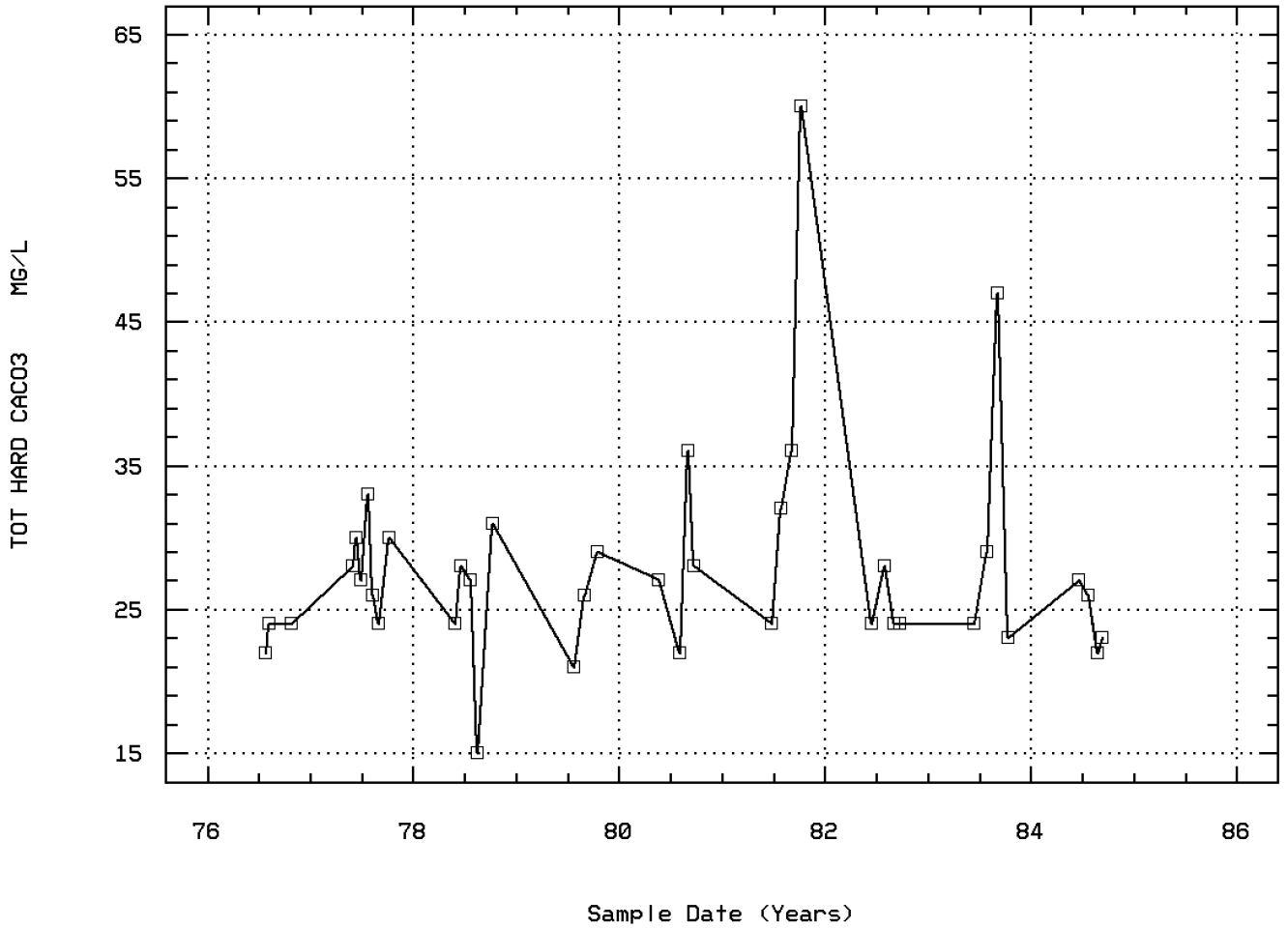
CARBON, TOTAL ORGANIC (MG/L AS C)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00900

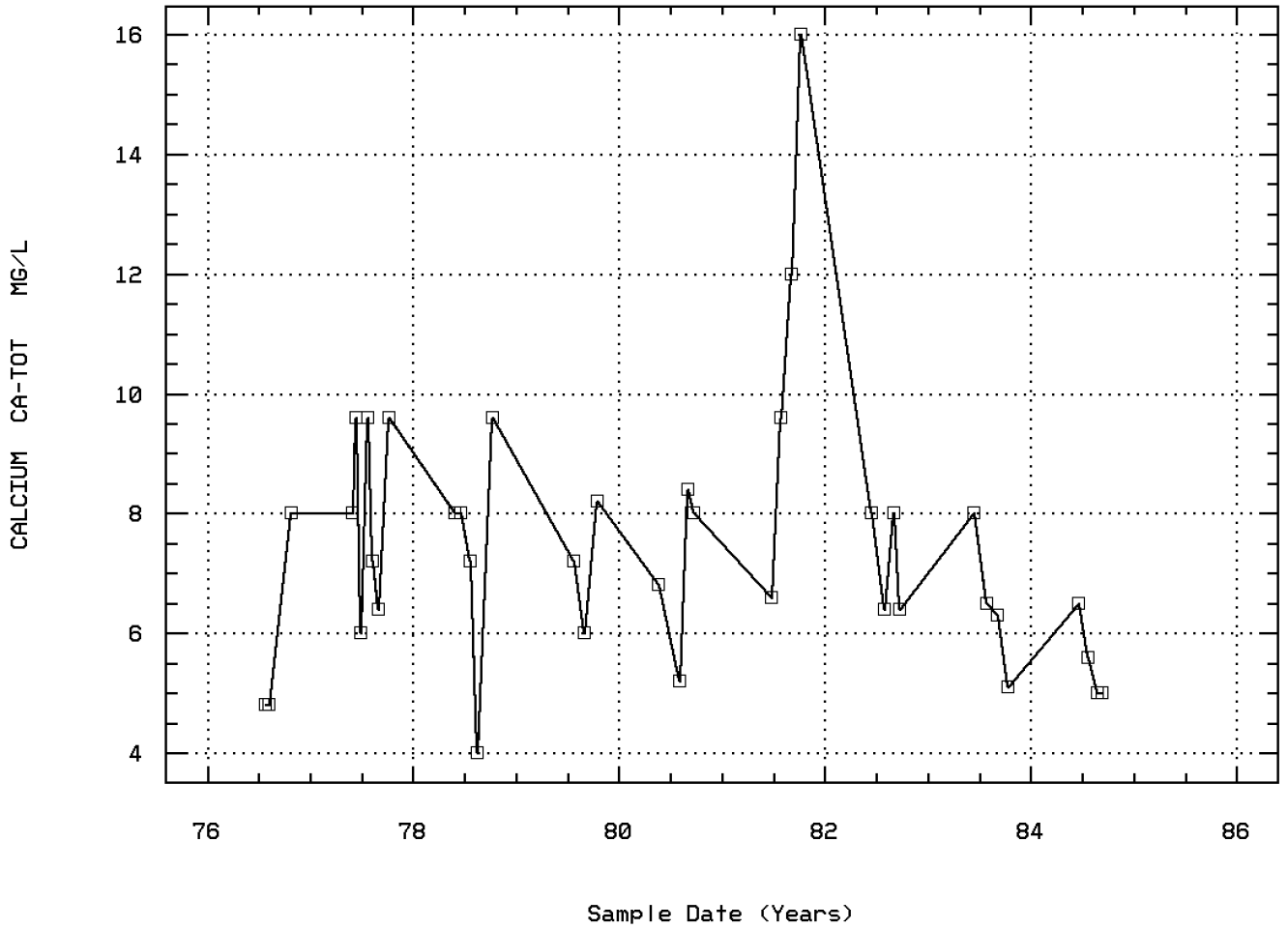
HARDNESS, TOTAL (MG/L AS CACO3)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00916

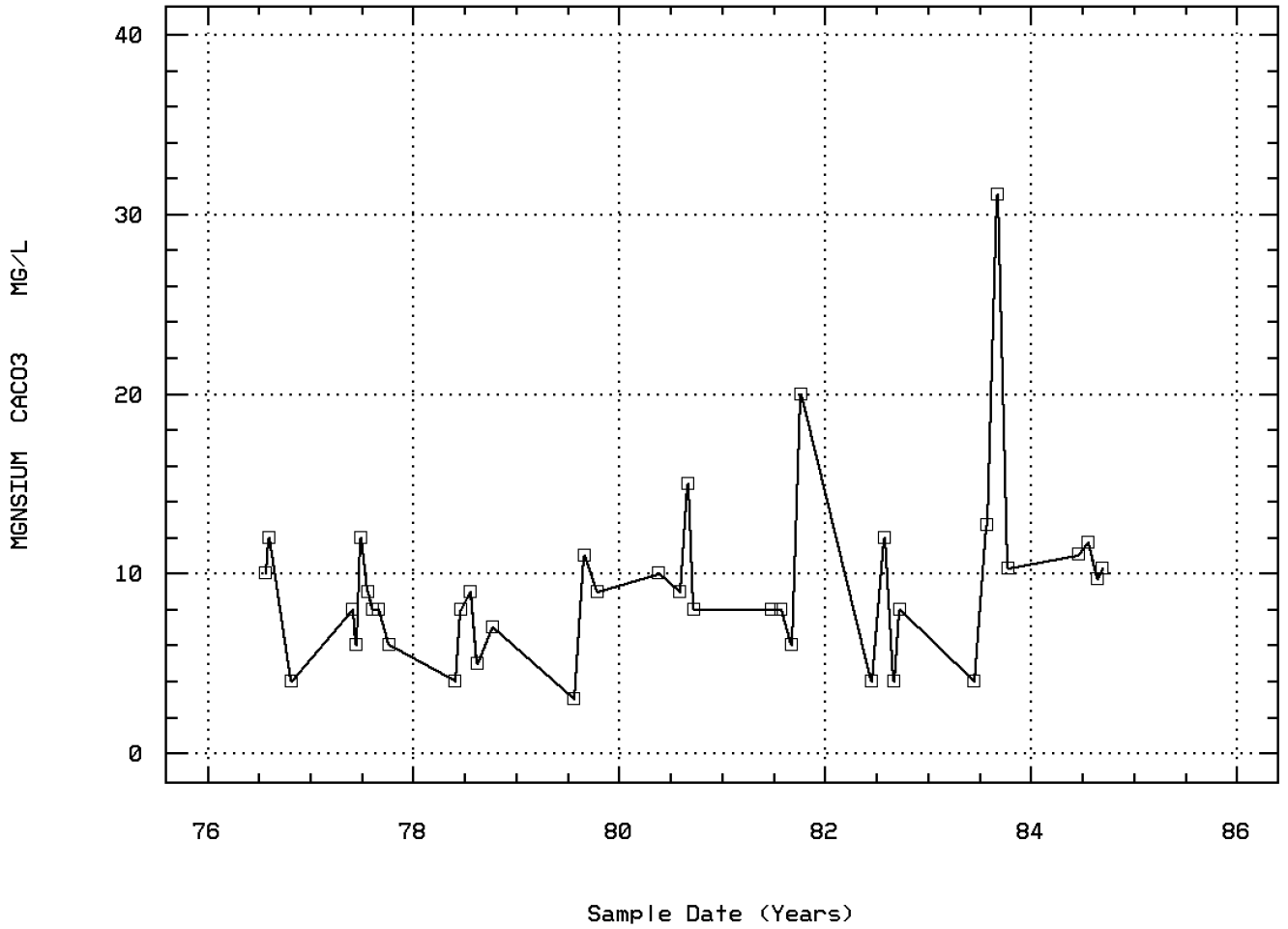
CALCIUM, TOTAL (MG/L AS CA)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00920

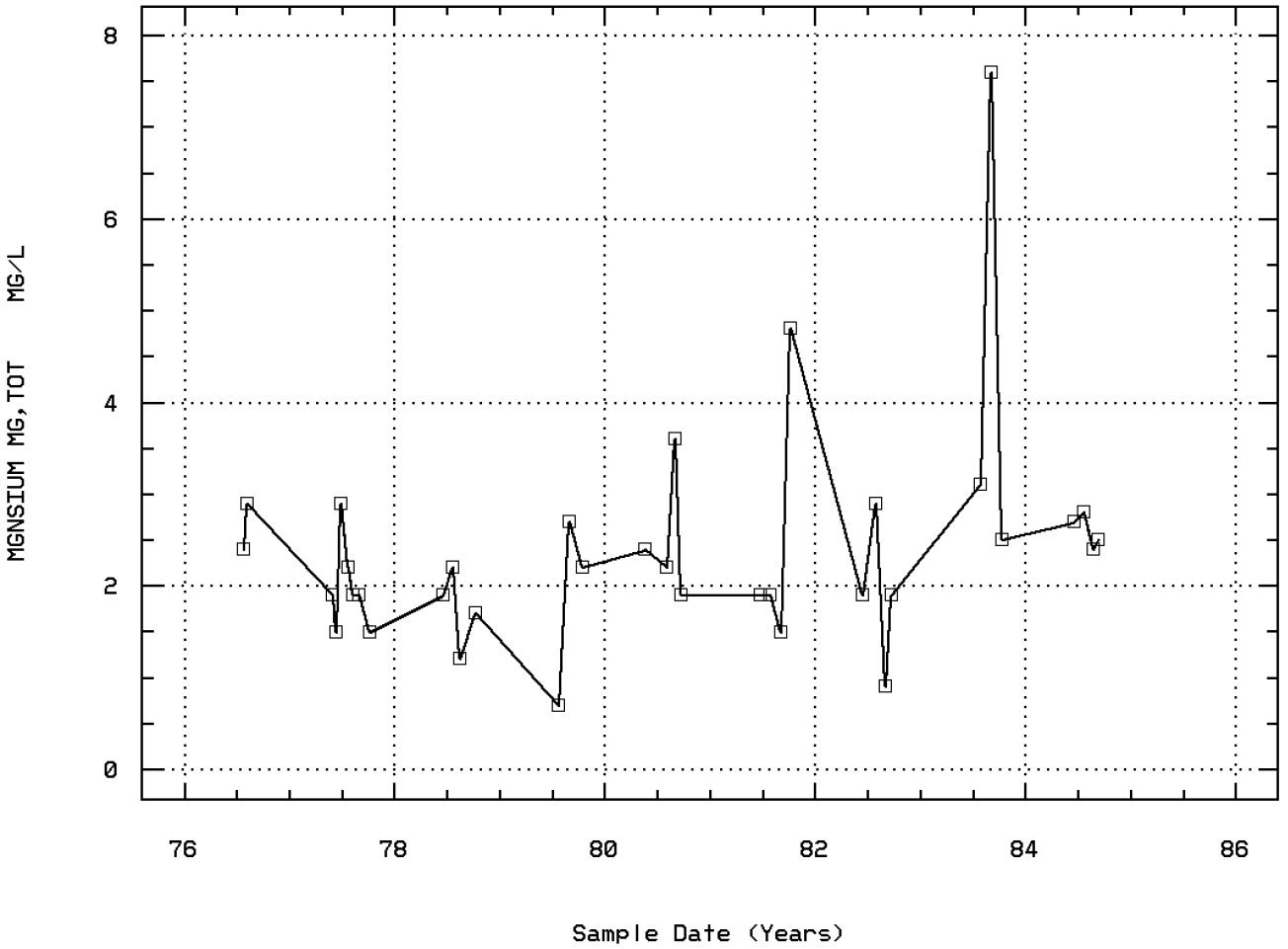
MAGNESIUM (MG/L AS CACO3)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00927

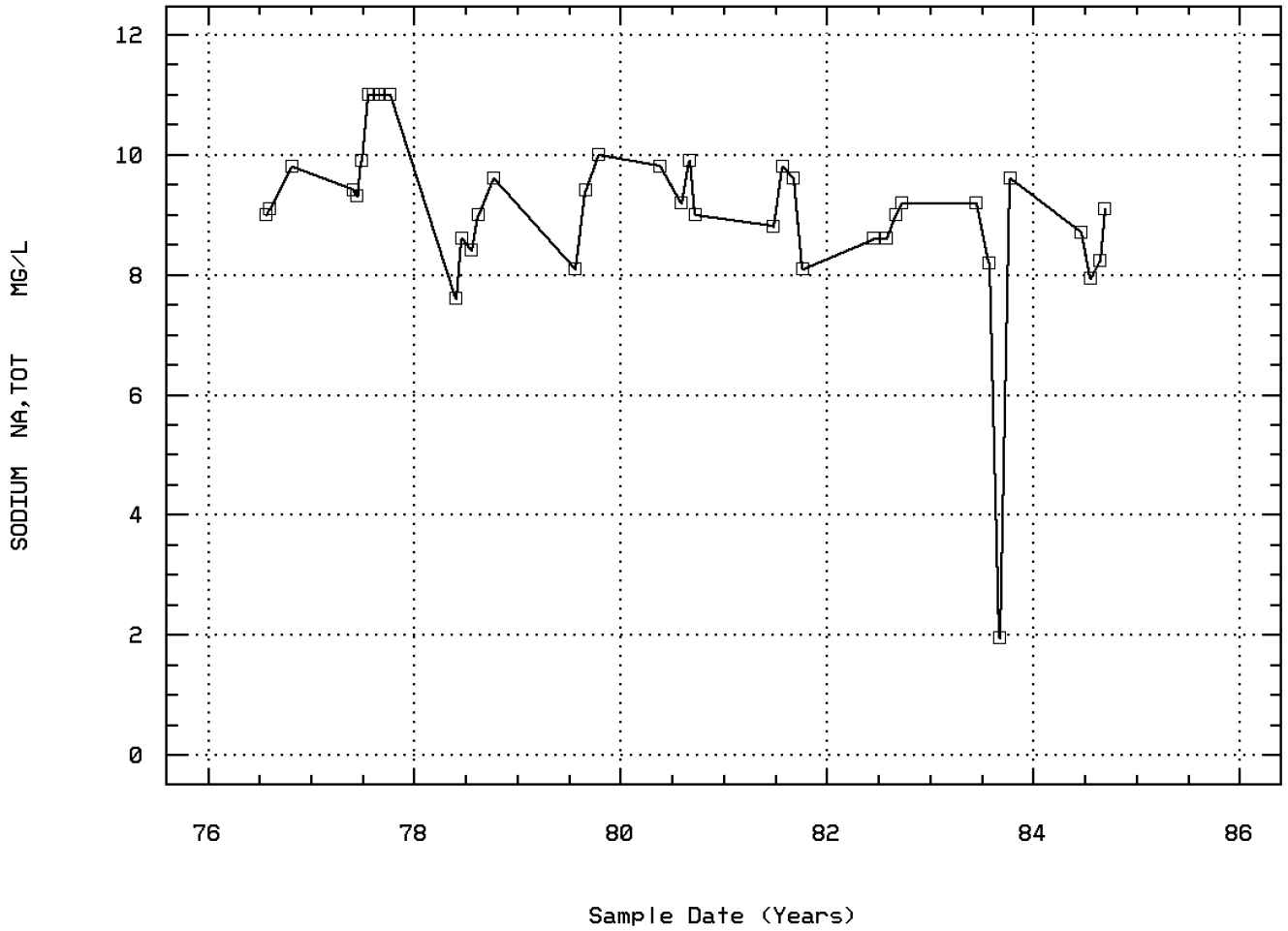
MAGNESIUM, TOTAL (MG/L AS MG)



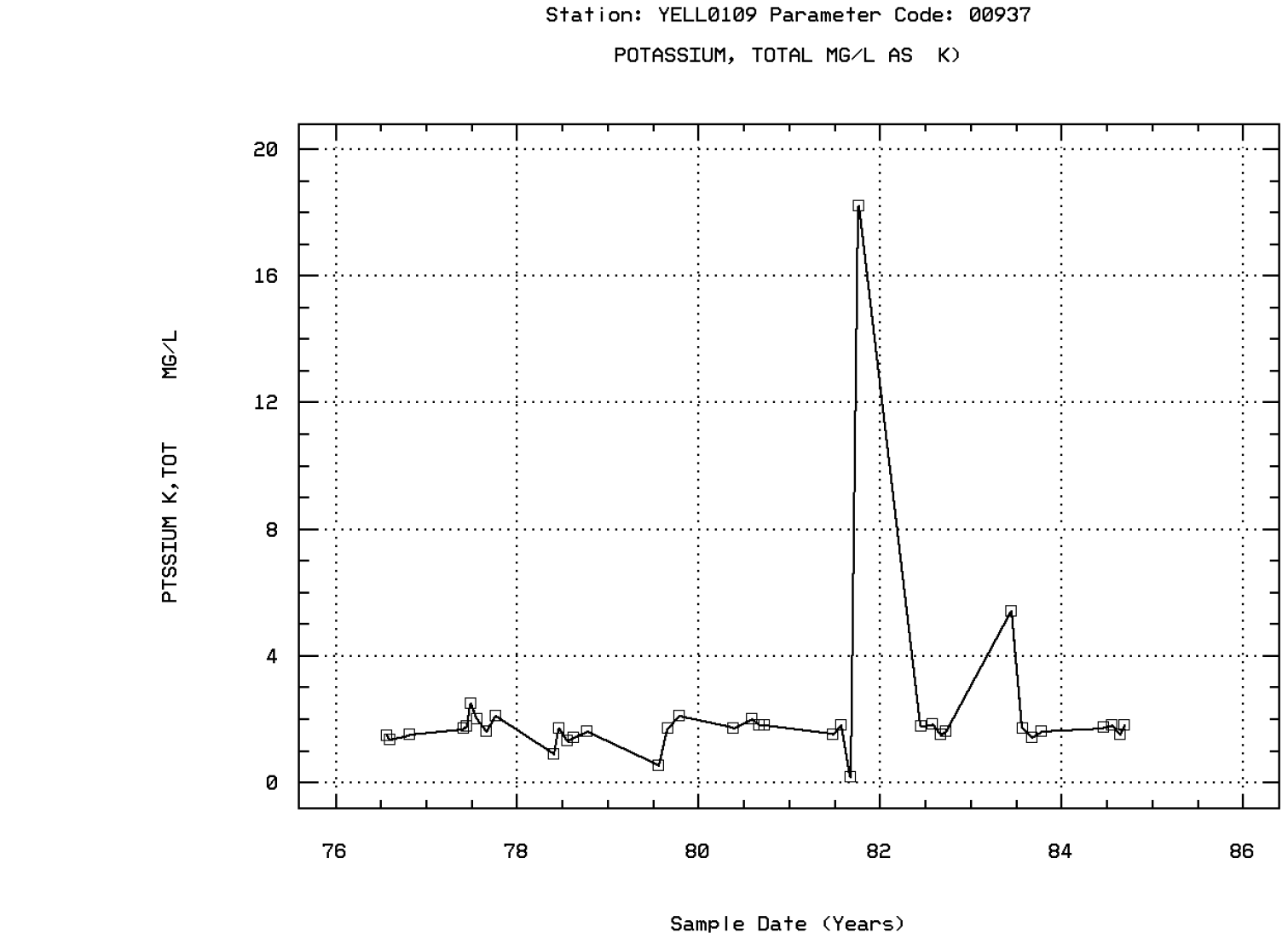
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00929

SODIUM, TOTAL (MG/L AS NA)



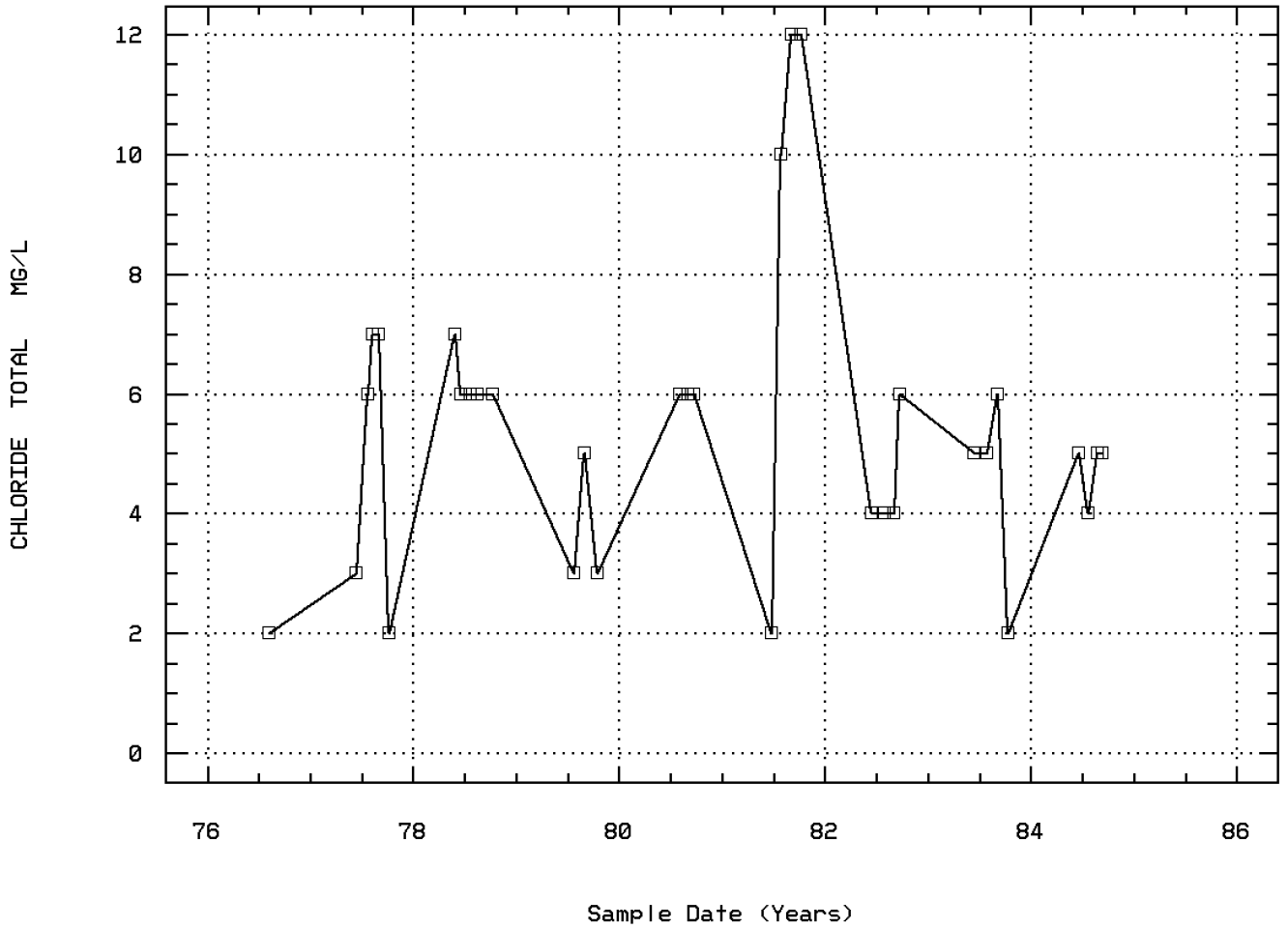
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00940

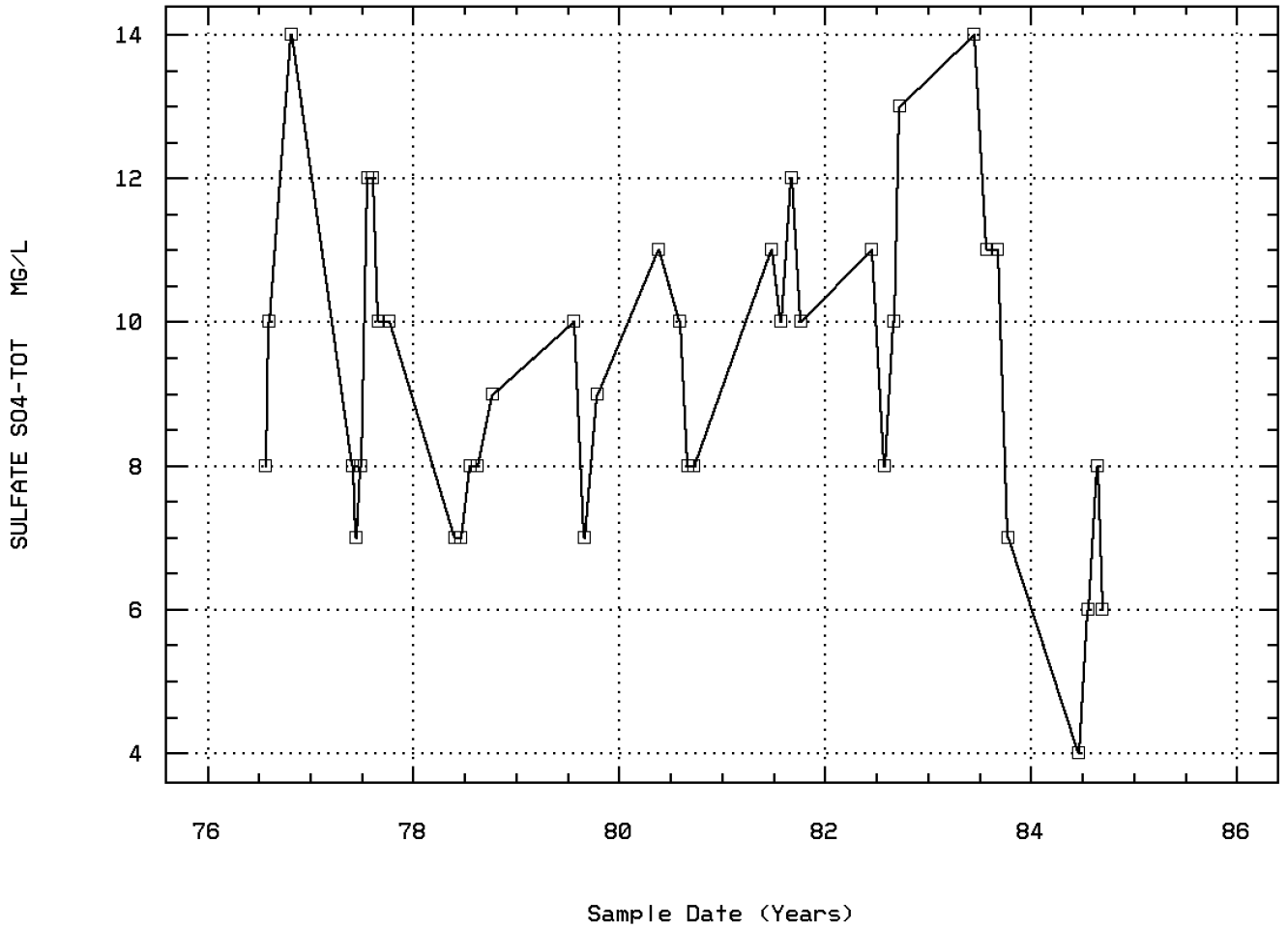
CHLORIDE,TOTAL IN WATER



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00945

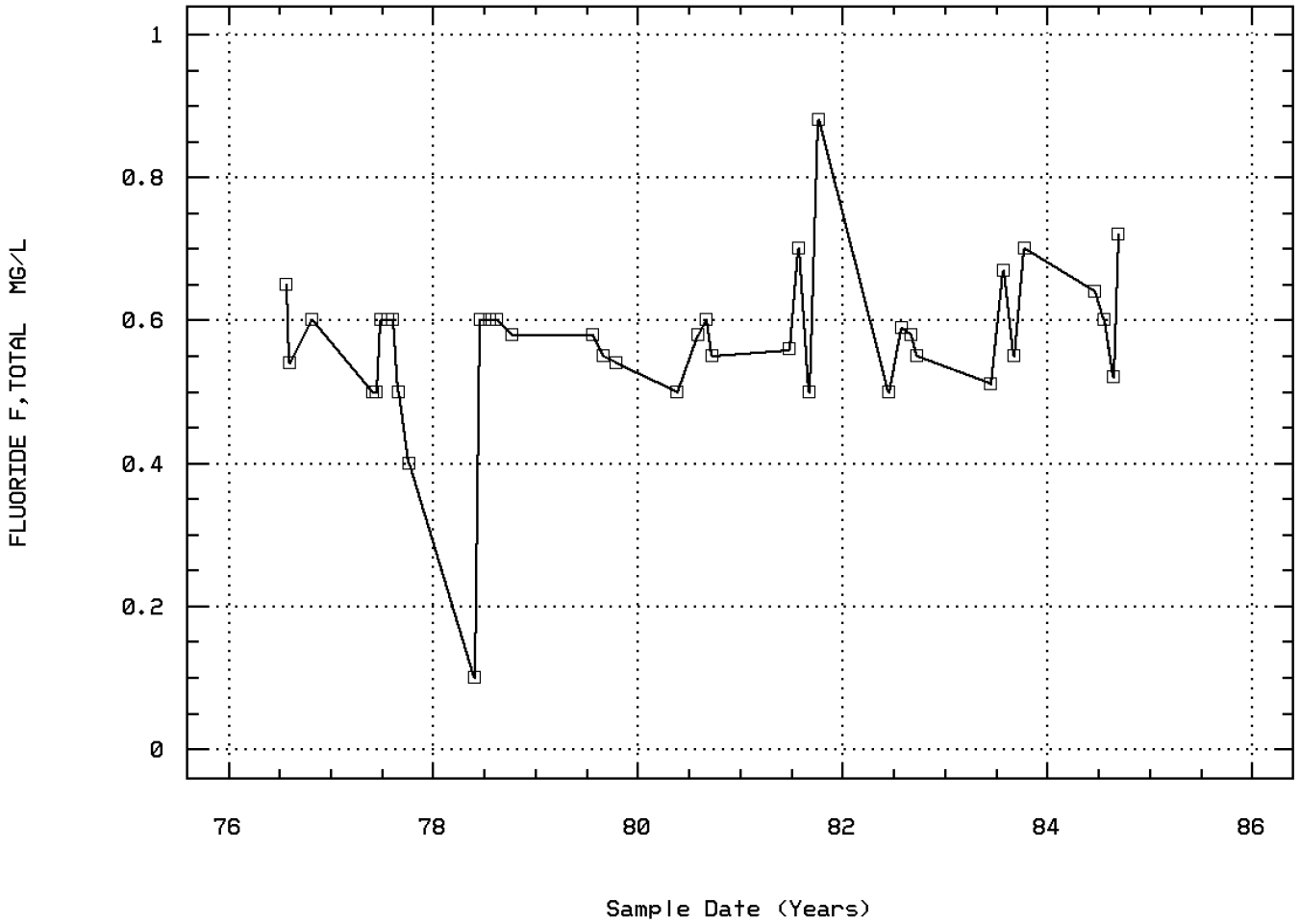
SULFATE, TOTAL (MG/L AS SO4)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00951

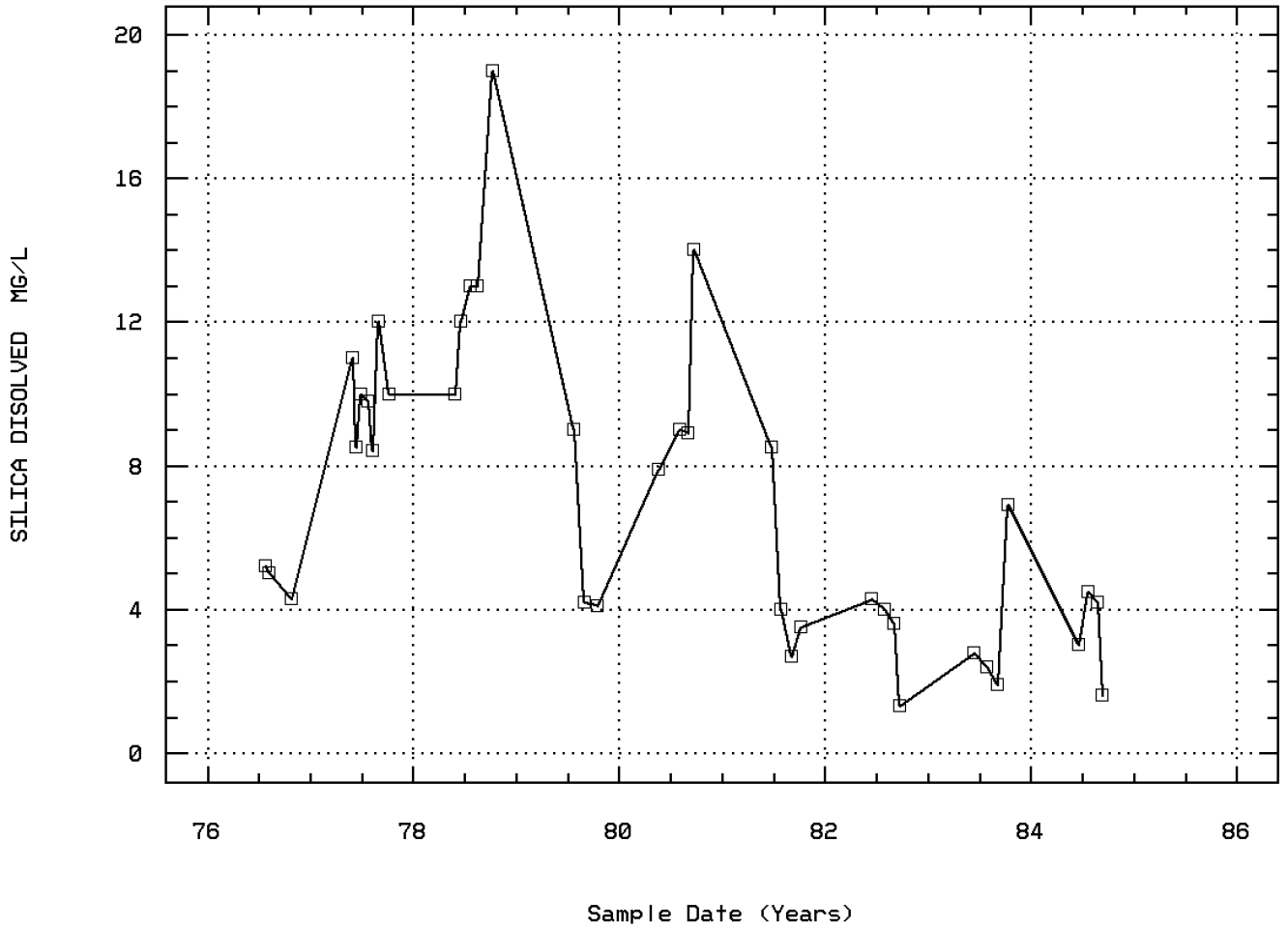
FLUORIDE, TOTAL (MG/L AS F)



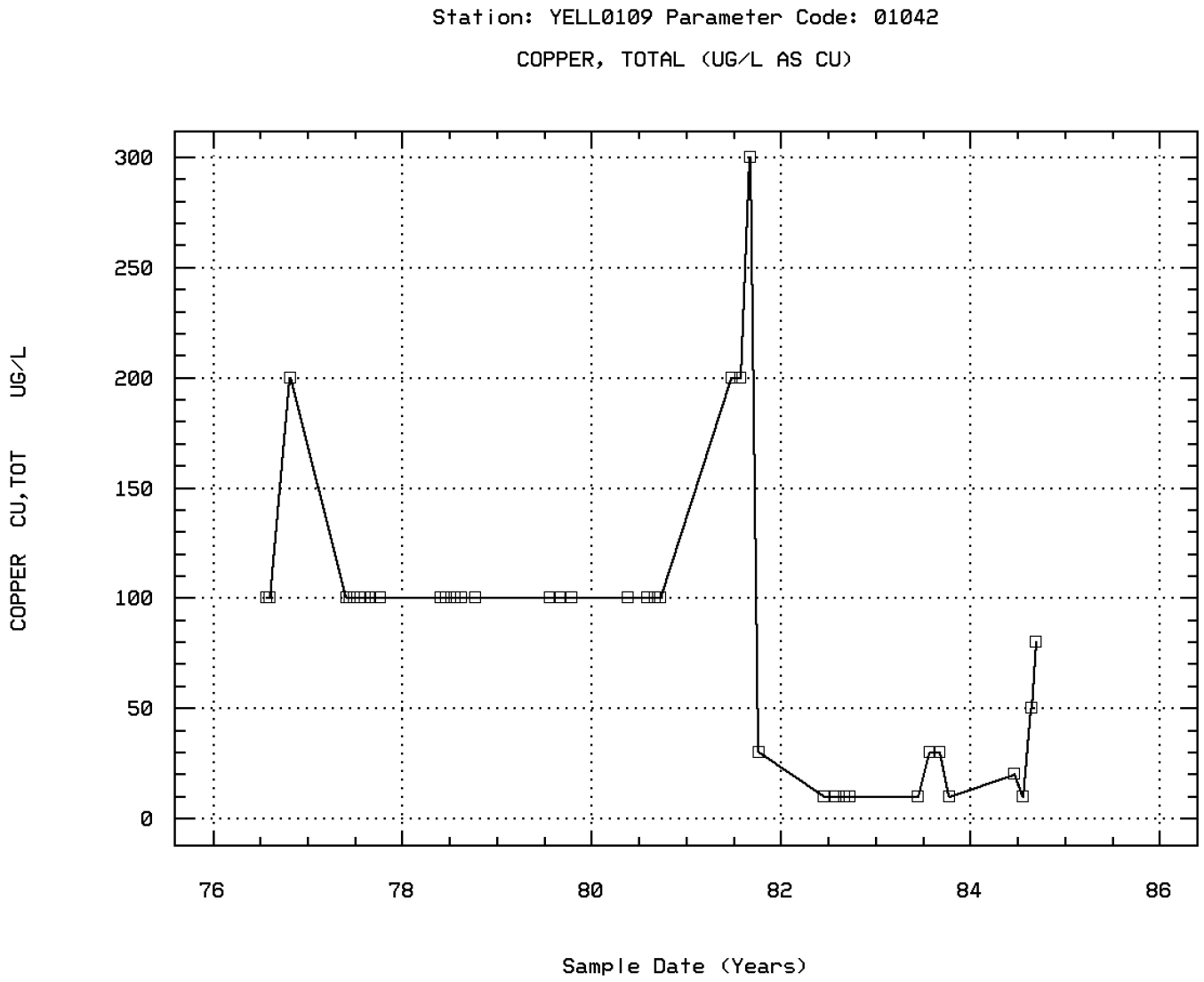
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00955

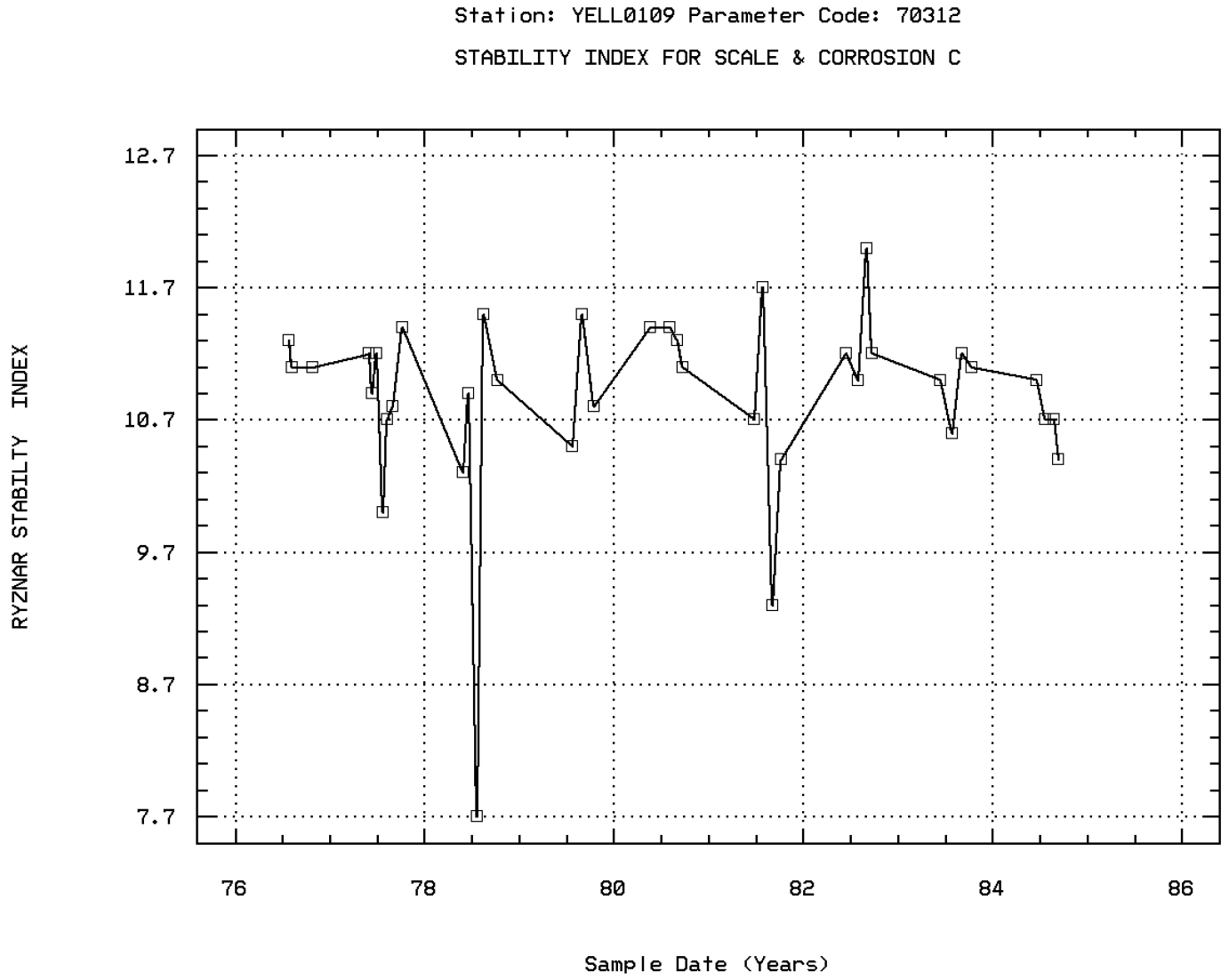
SILICA, DISSOLVED (MG/L AS SI02)



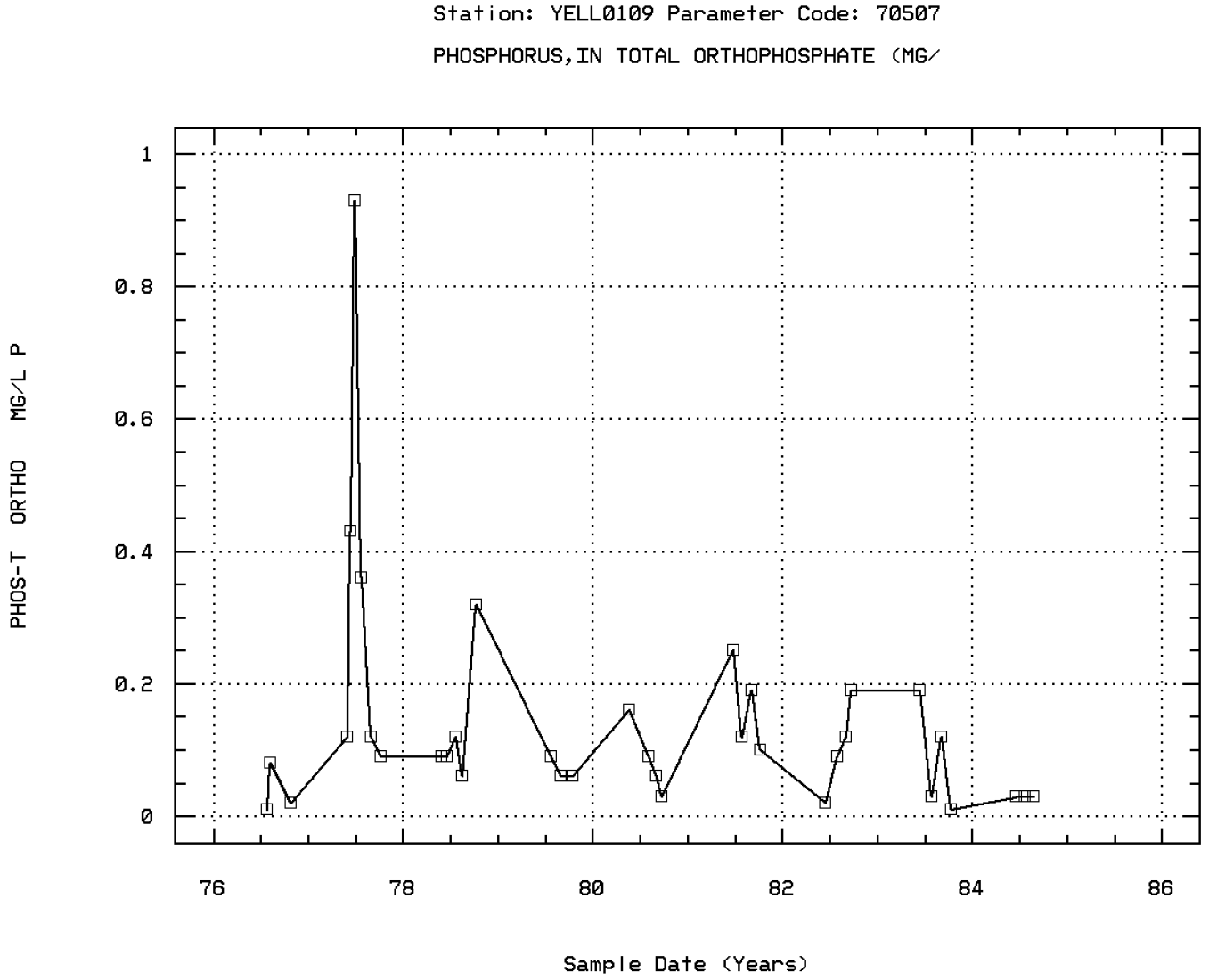
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



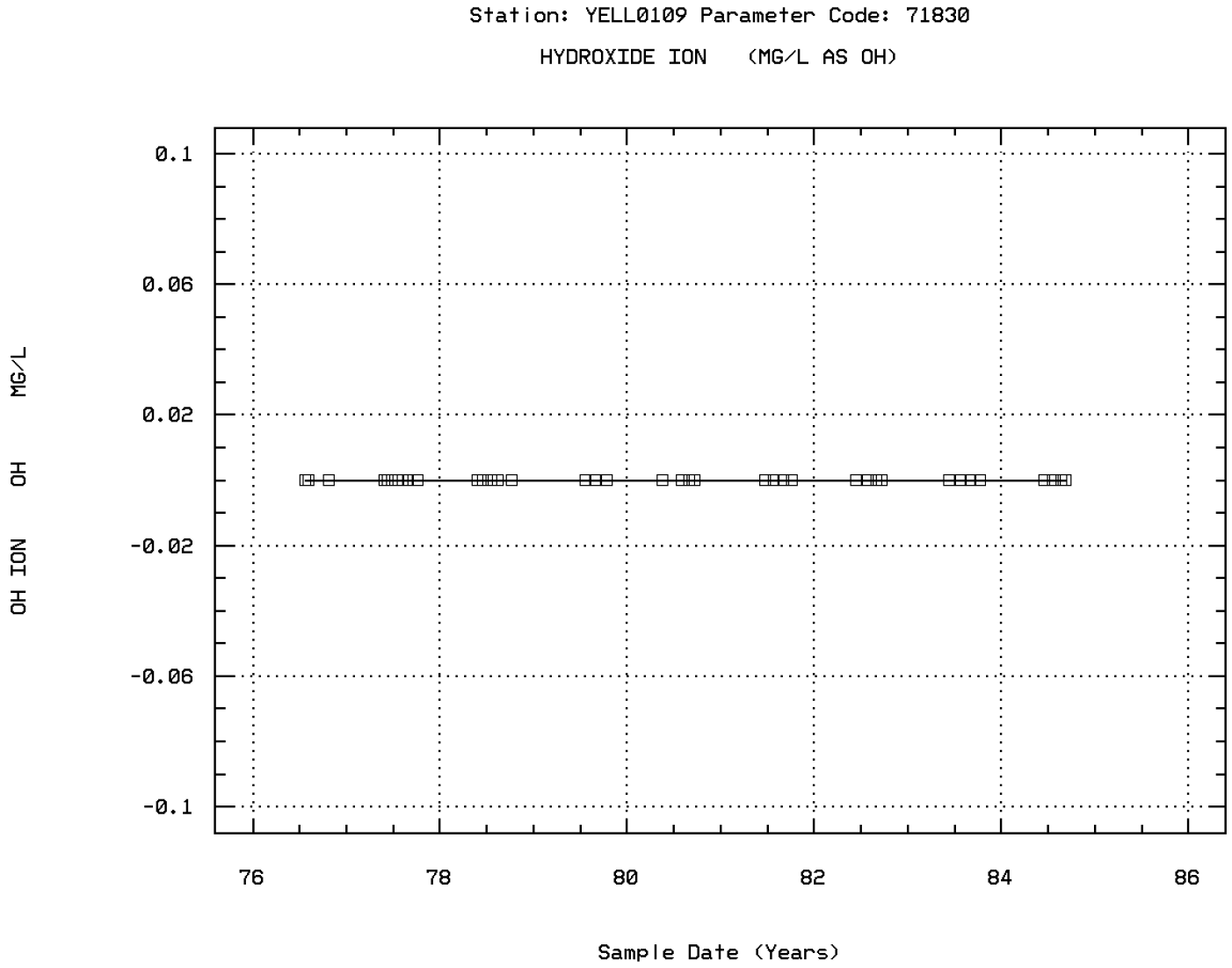
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



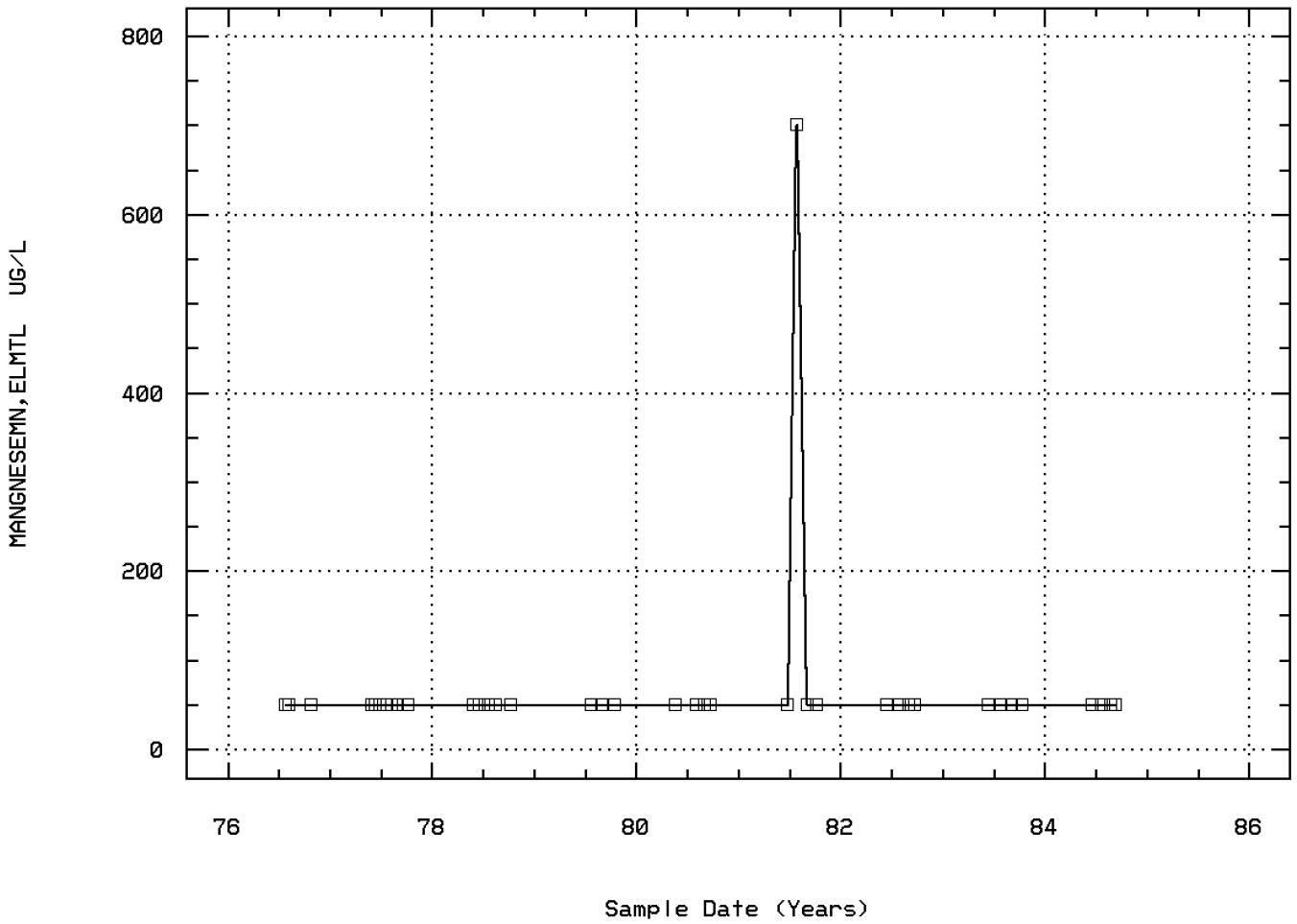
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



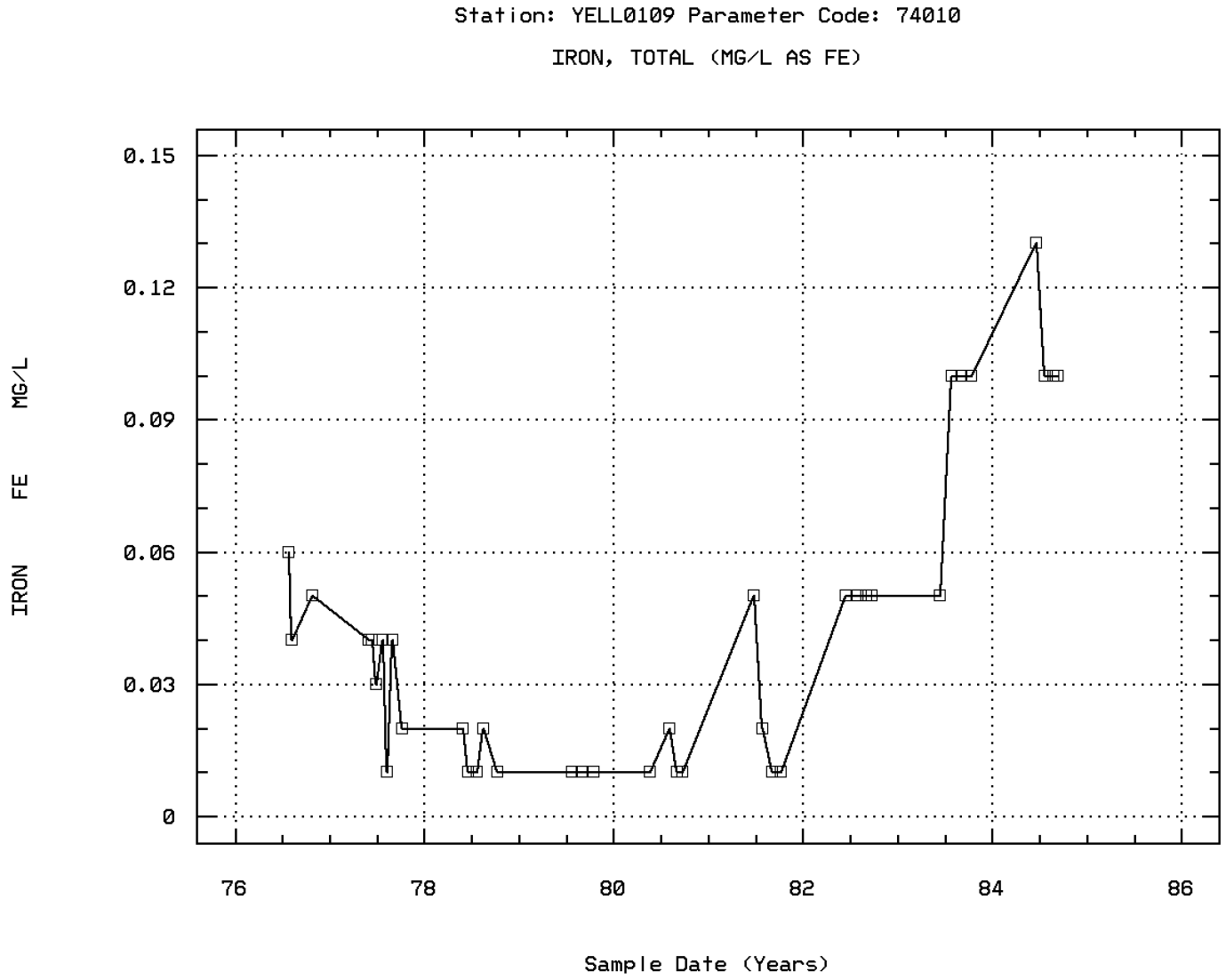
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 71883

MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)



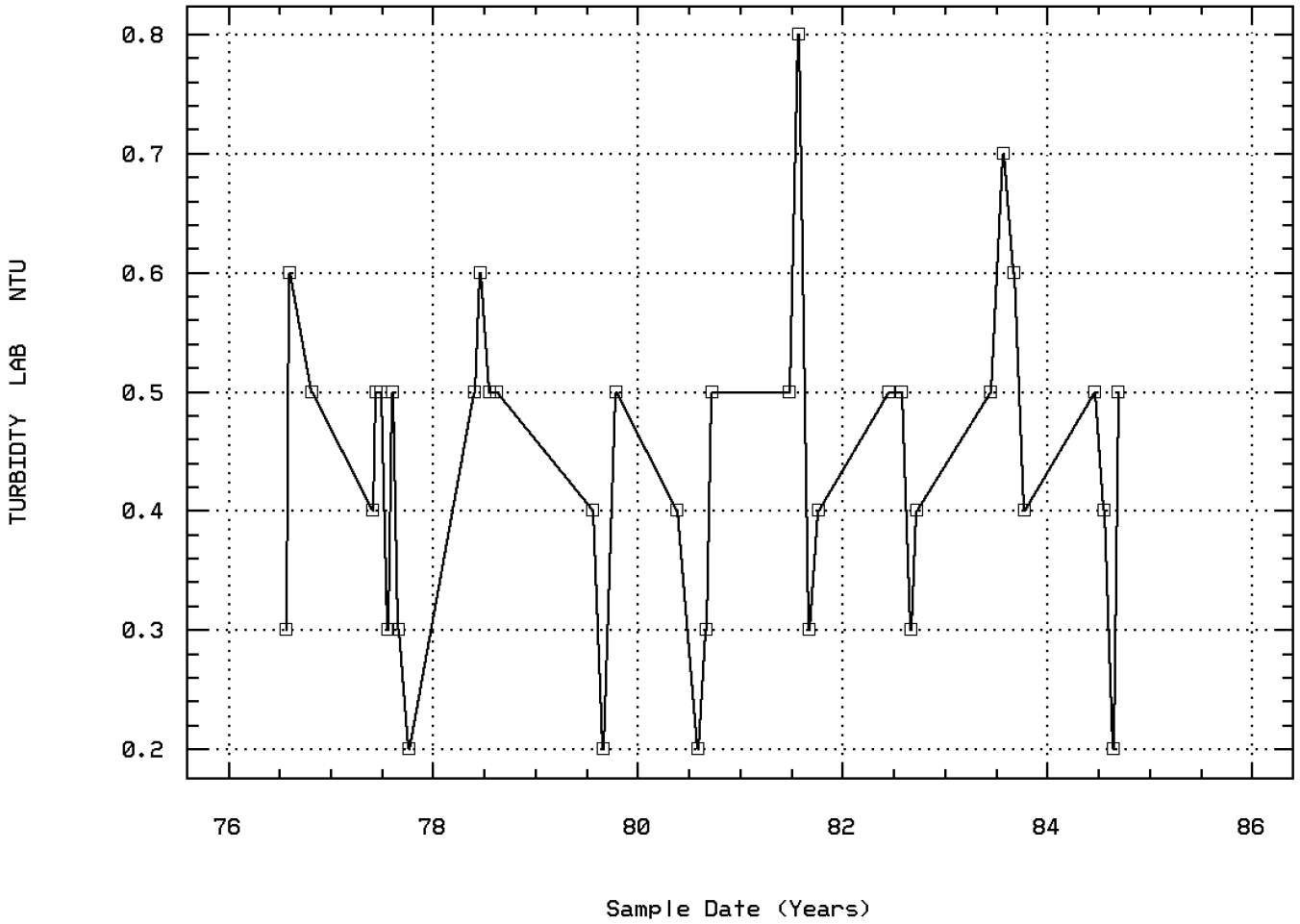
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 82079

TURBIDITY,LAB NEPHELOMETRIC TURBIDITY U



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Seasonal Analysis for Season #2: 4/16 to 6/15 - Station YELL0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/76-09/13/84	5	4.	4.7	9.	3.	5.95	2.439	**	**	**	**
00078p	TRANSPARENCY, SECCHI DISC (METERS)	07/19/76-09/13/84	5	6.09	6.17	7.92	4.5	1.491	1.221	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	07/19/76-09/13/84	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00085p	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/19/76-09/13/84	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/19/76-09/13/84	5	76.	80.4	108.	67.	262.3	16.196	**	**	**	**
00400p	PH (STANDARD UNITS)	07/19/76-09/13/84	4	7.2	7.175	7.3	7.	0.016	0.126	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	07/19/76-09/13/84	4	7.2	7.161	7.3	7.	0.016	0.127	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/76-09/13/84	4	0.063	0.069	0.1	0.05	0.	0.022	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	07/19/76-09/13/84	5	3.9	8.36	29.	1.8	134.013	11.576	**	**	**	**
00415p	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/19/76-09/13/84	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00425p	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/19/76-09/13/84	5	32.	32.2	36.	28.	11.2	3.347	**	**	**	**
00430p	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/19/76-09/13/84	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00431p	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/19/76-09/13/84	5	32.	32.2	36.	28.	11.2	3.347	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	07/19/76-09/13/84	5	39.	39.2	44.	34.	18.7	4.324	**	**	**	**
00445p	CARBONATE ION (MG/L AS CO3)	07/19/76-09/13/84	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/76-09/13/84	5	71.	70.6	80.	60.	68.3	8.264	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/76-10/05/83	5	0.08	0.216	0.78	0.01	0.105	0.325	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/19/76-10/05/83	5	0.02	0.02	0.03	0.01	0.	0.01	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/76-09/13/84	3	0.12	0.213	0.43	0.09	0.035	0.188	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/13/84	3	0.09	0.32	0.78	0.09	0.159	0.398	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/13/84	3	0.07	0.057	0.09	0.01	0.002	0.042	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/76-09/13/84	5	3.2	3.62	5.9	2.7	1.677	1.295	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/76-09/13/84	5	27.	26.6	30.	24.	6.8	2.608	**	**	**	**
00916p	CALCIUM, TOTAL (MG/L AS CA)	07/19/76-09/13/84	5	8.	8.08	9.6	6.8	0.992	0.996	**	**	**	**
00920p	MAGNESIUM (MG/L AS CACO3)	07/19/76-09/13/84	5	6.	6.4	10.	4.	6.8	2.608	**	**	**	**
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/19/76-09/13/84	5	1.5	1.56	2.4	1.	0.363	0.602	**	**	**	**
00929p	SODIUM, TOTAL (MG/L AS NA)	07/19/76-09/13/84	5	9.3	9.06	9.8	7.6	0.718	0.847	**	**	**	**
00937p	POTASSIUM, TOTAL MG/L AS K)	07/19/76-09/13/84	5	1.7	2.296	5.4	0.9	3.14	1.772	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/19/76-09/13/84	5	3.	3.4	7.	1.	6.8	2.608	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/19/76-09/13/84	5	8.	9.4	14.	7.	9.3	3.05	**	**	**	**
00951p	FLUORIDE, TOTAL (MG/L AS F)	07/19/76-09/13/84	5	0.5	0.422	0.51	0.1	0.032	0.18	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	07/19/76-09/13/84	5	8.5	8.04	11.	2.8	10.073	3.174	**	**	**	**
01042p	COPPER, TOTAL (UG/L AS CU)	07/19/76-09/13/84	5	100.	82.	100.	10.	1620.	40.249	**	**	**	**
70312p	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/19/76-09/13/84	5	11.	10.96	11.4	10.3	0.173	0.416	**	**	**	**
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/19/76-08/21/84	5	0.16	0.198	0.43	0.09	0.018	0.135	**	**	**	**
71830p	HYDROXIDE ION (MG/L AS OH)	07/19/76-09/13/84	5	0.	0.	0.	0.	0.	0.	**	**	**	**
71883p	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/19/76-09/13/84	5	50.	50.	50.	50.	0.	0.	**	**	**	**
74010p	IRON, TOTAL (MG/L AS FE)	07/19/76-09/13/84	5	0.04	0.032	0.05	0.01	0.	0.016	**	**	**	**
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/19/76-09/13/84	5	0.5	0.46	0.5	0.4	0.003	0.055	**	**	**	**

** - Less than 9 observations ## - Computed 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: 6/16 to 8/15 - Station YELL0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/76-09/13/84	17	13.2	12.288	17.5	6.1	12.251	3.5	6.66	8.75	15.15	15.9
00078p	TRANSPARENCY, SECCHI DISC (METERS)	07/19/76-09/13/84	15	7.6	8.495	21.6	4.8	15.143	3.891	5.58	6.7	8.22	15.
00080p	COLOR (PLATINUM-COBALT UNITS)	07/19/76-09/13/84	17	0.	0.588	5.	0.	2.757	1.661	0.	0.	0.	5.
00085p	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/19/76-09/13/84	17	0.	0.118	1.	0.	0.11	0.332	0.	0.	0.	1.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/19/76-09/13/84	17	88.	94.235	145.	73.	325.566	18.043	74.6	81.5	102.5	123.4
00400p	PH (STANDARD UNITS)	07/19/76-09/13/84	16	7.4	7.4	7.8	7.1	0.044	0.21	7.17	7.2	7.4	7.8
00400p	CONVERTED PH (STANDARD UNITS)	07/19/76-09/13/84	16	7.4	7.358	7.8	7.1	0.046	0.214	7.17	7.2	7.4	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/76-09/13/84	16	0.04	0.044	0.079	0.016	0.	0.018	0.016	0.04	0.063	0.068
00405p	CARBON DIOXIDE (MG/L AS CO2)	07/19/76-09/13/84	17	3.7	4.282	11.	0.9	8.747	2.957	1.14	1.55	6.05	9.56
00415p	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/19/76-09/13/84	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425p	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/19/76-09/13/84	17	32.	31.882	42.	20.	34.61	5.883	23.2	28.	36.	42.
00430p	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/19/76-09/13/84	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

Seasonal Analysis for Season #3: 6/16 to 8/15 - Station YELL0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00431p	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/19/76-09/13/84	17	32.	31.882	42.	20.	34.61	5.883	23.2	28.	36.	42.
00440p	BICARBONATE ION (MG/L AS HCO3)	07/19/76-09/13/84	17	39.	38.647	51.	24.	51.868	7.202	28.	34.	43.5	51.
00445p	CARBONATE ION (MG/L AS CO3)	07/19/76-09/13/84	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/76-09/13/84	17	66.	67.588	85.	50.	80.632	8.98	58.	61.	73.	85.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/76-10/05/83	14	0.17	0.205	0.53	0.03	0.022	0.15	0.03	0.078	0.333	0.45
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/19/76-10/05/83	14	0.02	0.059	0.37	0.01	0.009	0.095	0.01	0.02	0.05	0.25
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/76-09/13/84	12	0.22	0.261	0.93	0.01	0.056	0.236	0.025	0.108	0.325	0.759
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/13/84	12	0.075	0.109	0.34	0.03	0.009	0.096	0.03	0.033	0.175	0.304
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/13/84	12	0.045	0.066	0.19	0.01	0.004	0.059	0.01	0.03	0.105	0.181
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/76-09/13/84	15	3.1	3.84	9.5	0.3	6.655	2.58	0.9	2.1	4.7	8.66
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/76-09/13/84	17	26.	25.588	33.	15.	18.257	4.273	19.8	23.	28.	32.2
00916p	CALCIUM, TOTAL (MG/L AS CA)	07/19/76-09/13/84	17	6.5	6.659	9.6	4.	2.473	1.572	4.64	5.4	7.6	9.6
00920p	MAGNESIUM (MG/L AS CACO3)	07/19/76-09/13/84	17	9.	8.971	12.7	3.	8.398	2.898	3.8	8.	11.85	12.14
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/19/76-09/13/84	17	2.2	2.218	3.1	0.7	0.414	0.643	1.1	1.9	2.85	2.94
00929p	SODIUM, TOTAL (MG/L AS NA)	07/19/76-09/13/84	17	8.8	9.055	11.	7.93	0.813	0.902	8.066	8.5	9.5	11.
00937p	POTASSIUM, TOTAL MG/L AS K)	07/19/76-09/13/84	16	1.72	1.648	2.48	0.51	0.177	0.421	1.063	1.42	1.83	2.144
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/19/76-09/13/84	17	5.	4.588	10.	1.	5.507	2.347	1.	2.5	6.	7.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/19/76-09/13/84	17	10.	9.059	12.	4.	4.809	2.193	5.6	8.	11.	12.
00951p	FLUORIDE, TOTAL (MG/L AS F)	07/19/76-09/13/84	17	0.6	0.601	0.7	0.5	0.002	0.047	0.532	0.58	0.62	0.676
00955p	SILICA, DISSOLVED (MG/L AS SI02)	07/19/76-09/13/84	17	8.4	7.359	13.	2.4	12.488	3.534	2.88	4.15	9.9	13.
01042p	COPPER, TOTAL (UG/L AS CU)	07/19/76-09/13/84	17	100.	87.059	200.	10.	3297.059	57.42	10.	25.	100.	200.
70312p	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/19/76-09/13/84	17	11.	10.776	11.7	7.7	0.801	0.895	9.54	10.65	11.25	11.54
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/19/76-08/21/84	16	0.09	0.15	0.93	0.01	0.051	0.227	0.017	0.03	0.12	0.531
71830p	HYDROXIDE ION (MG/L AS OH)	07/19/76-09/13/84	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71883p	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/19/76-09/13/84	17	50.	88.235	700.	50.	24852.941	157.648	50.	50.	50.	180.
74010p	IRON, TOTAL (MG/L AS FE)	07/19/76-09/13/84	17	0.04	0.044	0.13	0.01	0.001	0.036	0.01	0.015	0.055	0.106
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/19/76-09/13/84	17	0.5	0.488	0.8	0.2	0.021	0.145	0.28	0.4	0.55	0.72

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Seasonal Analysis for Season #4: 8/16 to 10/31 - Station YELL0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/76-09/13/84	16	10.9	11.656	16.8	8.1	8.549	2.924	8.24	9.125	14.5	16.24
00078p	TRANSPARENCY, SECCHI DISC (METERS)	07/19/76-09/13/84	16	9.75	10.047	14.	7.92	3.491	1.868	8.13	8.508	11.2	13.79
00080p	COLOR (PLATINUM-COBALT UNITS)	07/19/76-09/13/84	16	0.	0.313	5.	0.	1.563	1.25	0.	0.	0.	1.5
00085p	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/19/76-09/13/84	16	0.	0.188	1.	0.	0.163	0.403	0.	0.	0.	1.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/19/76-09/13/84	16	81.5	82.375	98.	71.	67.583	8.221	72.4	76.	87.	95.9
00400p	PH (STANDARD UNITS)	07/19/76-09/13/84	16	7.4	7.419	7.8	7.2	0.026	0.16	7.2	7.325	7.5	7.66
00400p	CONVERTED PH (STANDARD UNITS)	07/19/76-09/13/84	16	7.4	7.393	7.8	7.2	0.026	0.162	7.2	7.325	7.5	7.66
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/76-09/13/84	16	0.04	0.04	0.063	0.016	0.	0.014	0.022	0.032	0.048	0.063
00405p	CARBON DIOXIDE (MG/L AS CO2)	07/19/76-09/13/84	16	3.25	8.244	37.	1.1	96.509	9.824	1.1	1.925	12.5	27.2
00415p	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/19/76-09/13/84	16	0.	1.75	28.	0.	49.	7.	0.	0.	0.	8.4
00425p	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/19/76-09/13/84	16	32.	31.563	42.	20.	26.796	5.176	22.8	28.5	35.5	37.8
00430p	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/19/76-09/13/84	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431p	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/19/76-09/13/84	16	32.	31.563	42.	20.	26.796	5.176	22.8	28.5	35.5	37.8
00440p	BICARBONATE ION (MG/L AS HCO3)	07/19/76-09/13/84	16	39.	38.375	51.	24.	39.717	6.302	27.5	34.75	42.5	46.1
00445p	CARBONATE ION (MG/L AS CO3)	07/19/76-09/13/84	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/76-09/13/84	16	70.	71.	100.	36.	264.533	16.264	45.1	61.25	80.	95.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/76-10/05/83	14	0.255	0.234	0.44	0.01	0.024	0.156	0.025	0.073	0.388	0.425
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/19/76-10/05/83	14	0.02	0.026	0.08	0.01	0.	0.02	0.01	0.01	0.03	0.07
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/76-09/13/84	11	0.06	0.136	0.4	0.02	0.016	0.125	0.022	0.06	0.22	0.382
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/13/84	13	0.08	0.127	0.4	0.03	0.011	0.105	0.03	0.06	0.19	0.32
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/13/84	13	0.03	0.032	0.06	0.01	0.	0.018	0.01	0.02	0.045	0.06
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/76-09/13/84	16	3.25	6.544	37.	0.2	83.852	9.157	0.97	2.325	6.375	22.3
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/76-09/13/84	16	27.	30.438	60.	22.	105.729	10.282	22.7	24.	34.75	50.9
00916p	CALCIUM, TOTAL (MG/L AS CA)	07/19/76-09/13/84	16	8.	8.	16.	5.	8.249	2.872	5.	6.075	9.3	13.2

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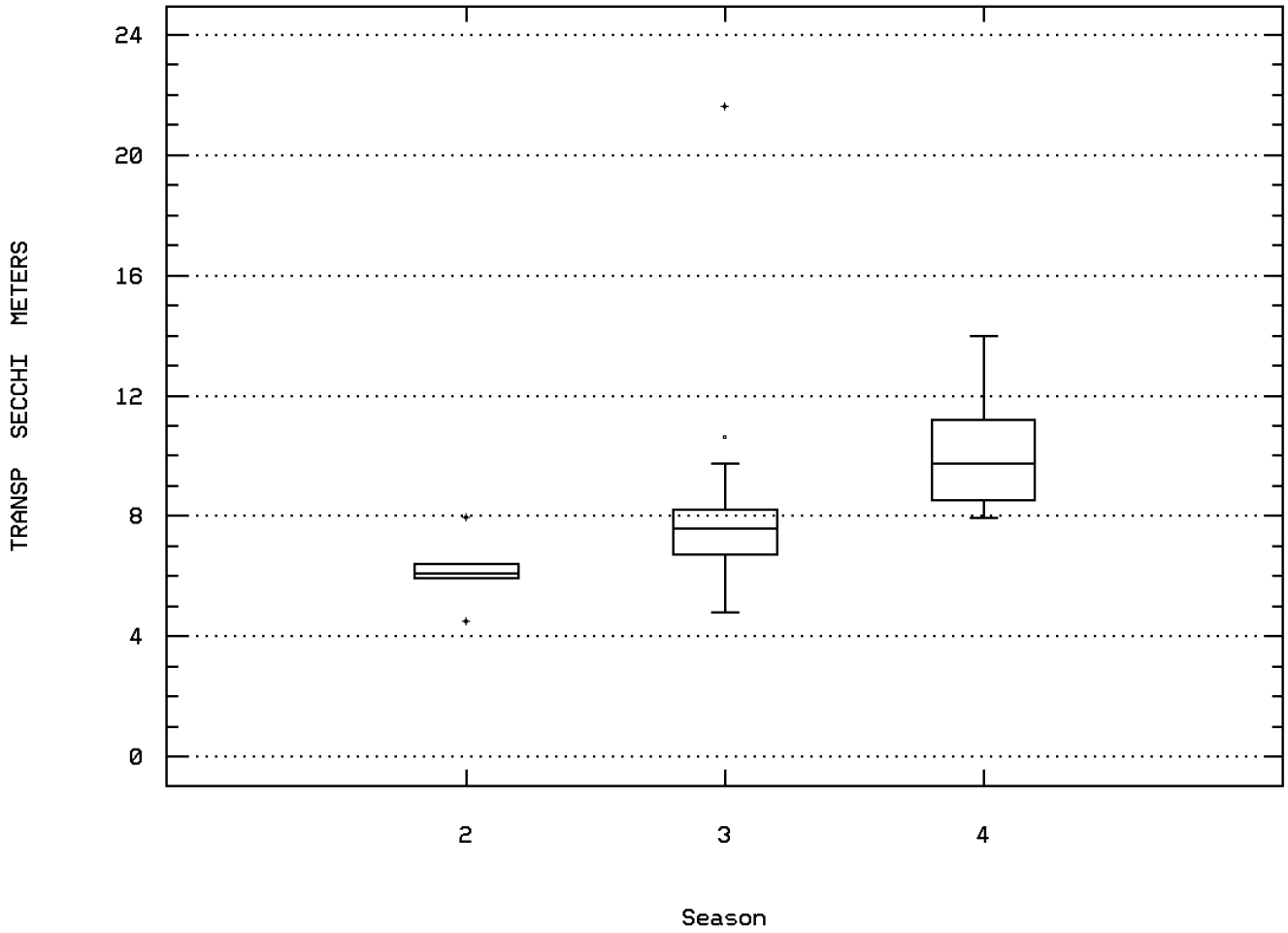
Seasonal Analysis for Season #4: 8/16 to 10/31 - Station YELL0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00920p	MAGNESIUM (MG/L AS CACO3)	07/19/76-09/13/84	16	8.5	10.463	31.1	4.	46.271	6.802	4.	6.25	10.825	23.33
00927p	MAGNESIUM, TOTAL (MG/L AS MG)	07/19/76-09/13/84	16	2.05	2.538	7.6	0.9	2.744	1.656	0.97	1.55	2.65	5.64
00929p	SODIUM, TOTAL (MG/L AS NA)	07/19/76-09/13/84	16	9.5	9.029	11.	1.95	4.189	2.047	6.255	9.	9.875	11.
00937p	POTASSIUM, TOTAL MG/L AS K)	07/19/76-09/13/84	16	1.605	2.625	18.2	0.16	17.434	4.175	1.028	1.52	1.8	6.93
00940p	CHLORIDE,TOTAL IN WATER MG/L	07/19/76-09/13/84	16	5.5	5.5	12.	1.	9.467	3.077	1.7	3.25	6.	12.
00945p	SULFATE, TOTAL (MG/L AS SO4)	07/19/76-09/13/84	16	9.5	9.5	14.	6.	4.933	2.221	6.7	8.	10.75	13.3
00951p	FLUORIDE, TOTAL (MG/L AS F)	07/19/76-09/13/84	16	0.55	0.583	0.88	0.4	0.012	0.109	0.47	0.525	0.6	0.768
00955p	SILICA, DISSOLVED (MG/L AS SI02)	07/19/76-09/13/84	16	4.2	6.387	19.	1.3	25.731	5.073	1.51	2.9	9.725	15.5
01042p	COPPER, TOTAL (UG/L AS CU)	07/19/76-09/13/84	16	100.	88.75	300.	10.	5665.	75.266	10.	30.	100.	230.
70312p	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/19/76-09/13/84	16	11.1	10.956	12.	9.3	0.357	0.598	10.07	10.725	11.275	11.65
70507p	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/19/76-08/21/84	15	0.09	0.101	0.32	0.01	0.007	0.082	0.016	0.03	0.12	0.242
71830p	HYDROXIDE ION (MG/L AS OH)	07/19/76-09/13/84	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71883p	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/19/76-09/13/84	16	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
74010p	IRON, TOTAL (MG/L AS FE)	07/19/76-09/13/84	16	0.03	0.043	0.1	0.01	0.001	0.038	0.01	0.01	0.088	0.1
82079p	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/19/76-09/13/84	16	0.4	0.413	1.	0.2	0.04	0.2	0.2	0.3	0.5	0.72

** - Less than 9 observations ## - Computed 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: YELL0109 Parameter Code: 00078

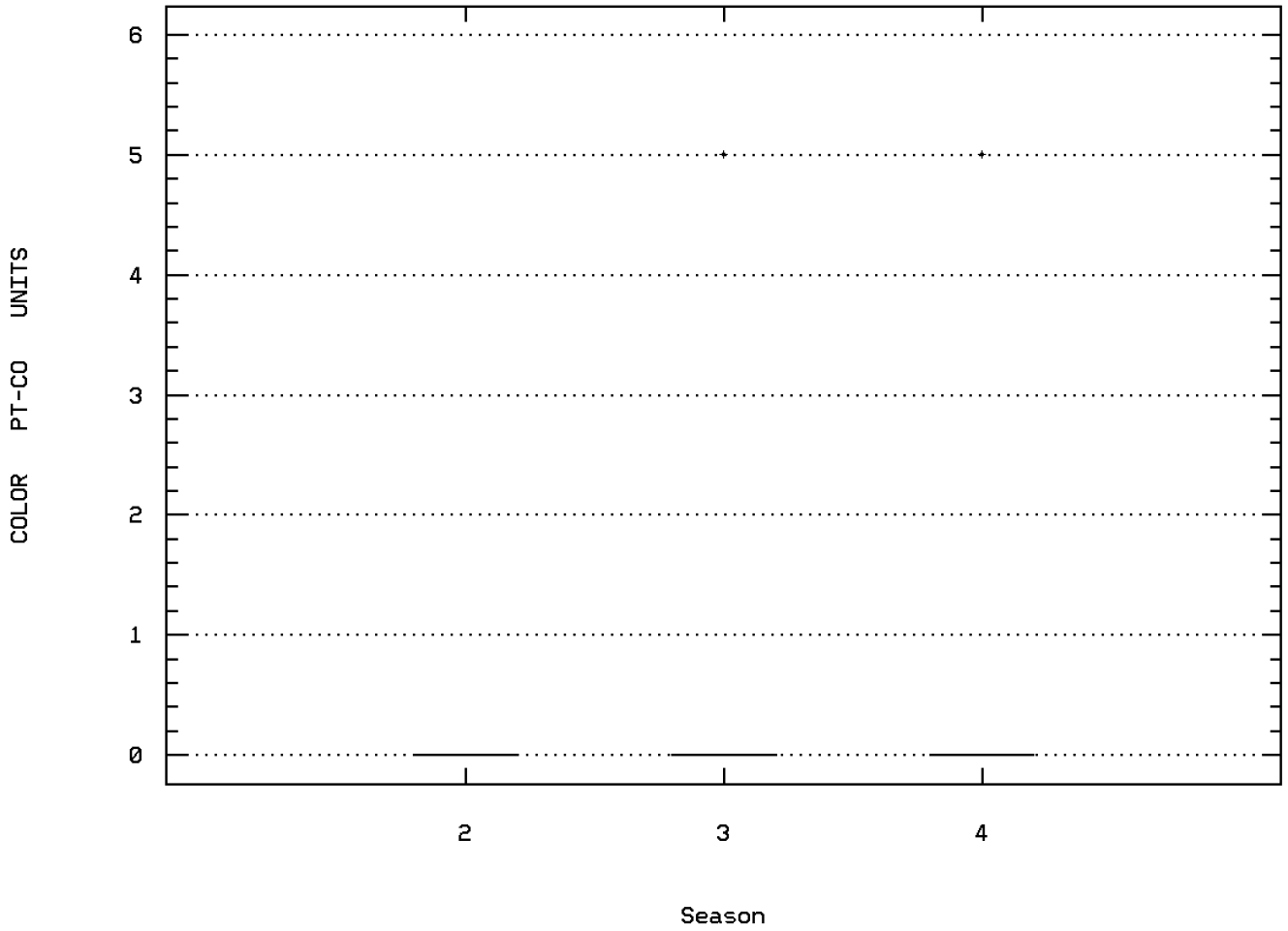
TRANSPARENCY, SECCHI DISC (METERS)



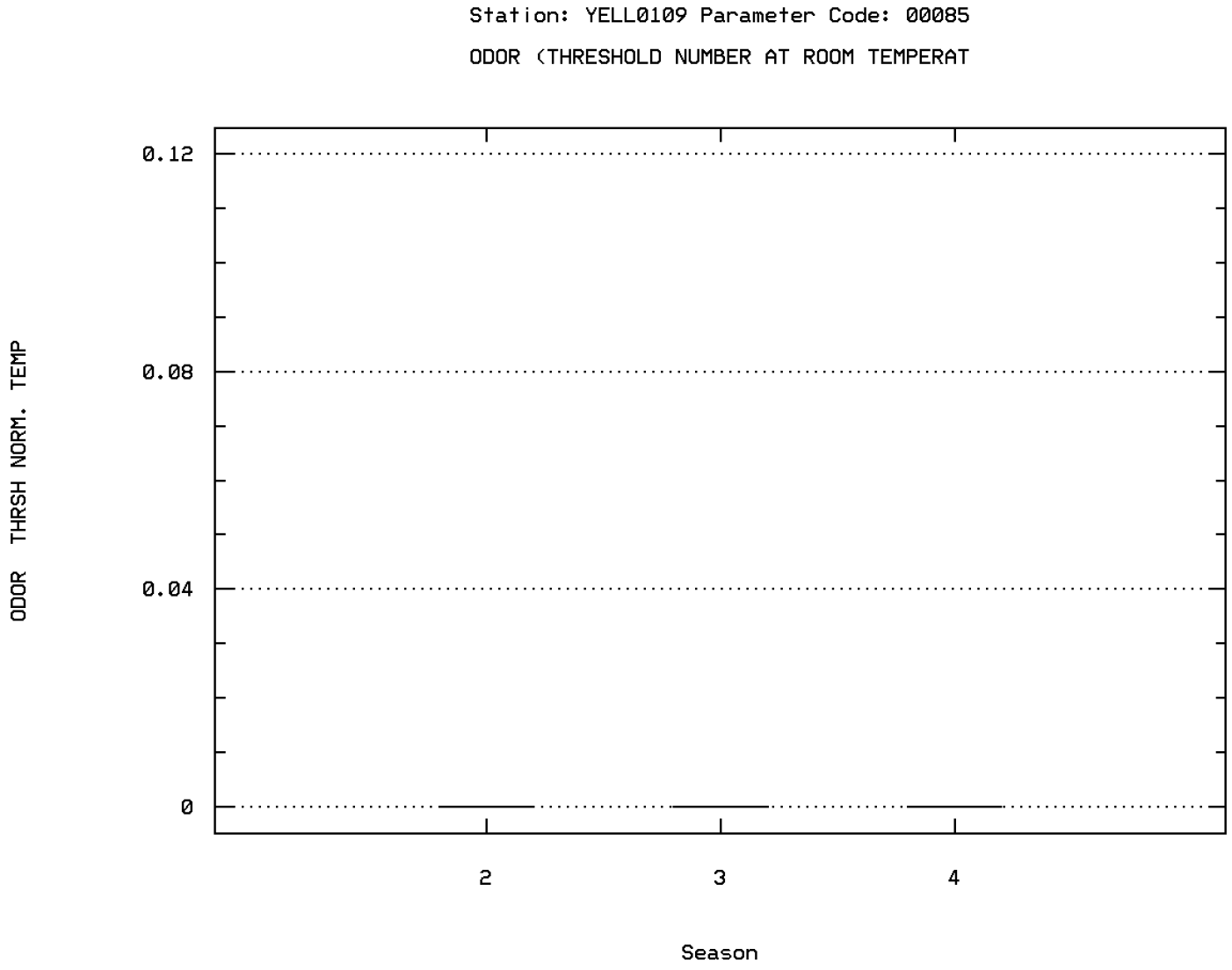
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00080

COLOR (PLATINUM-COBALT UNITS)



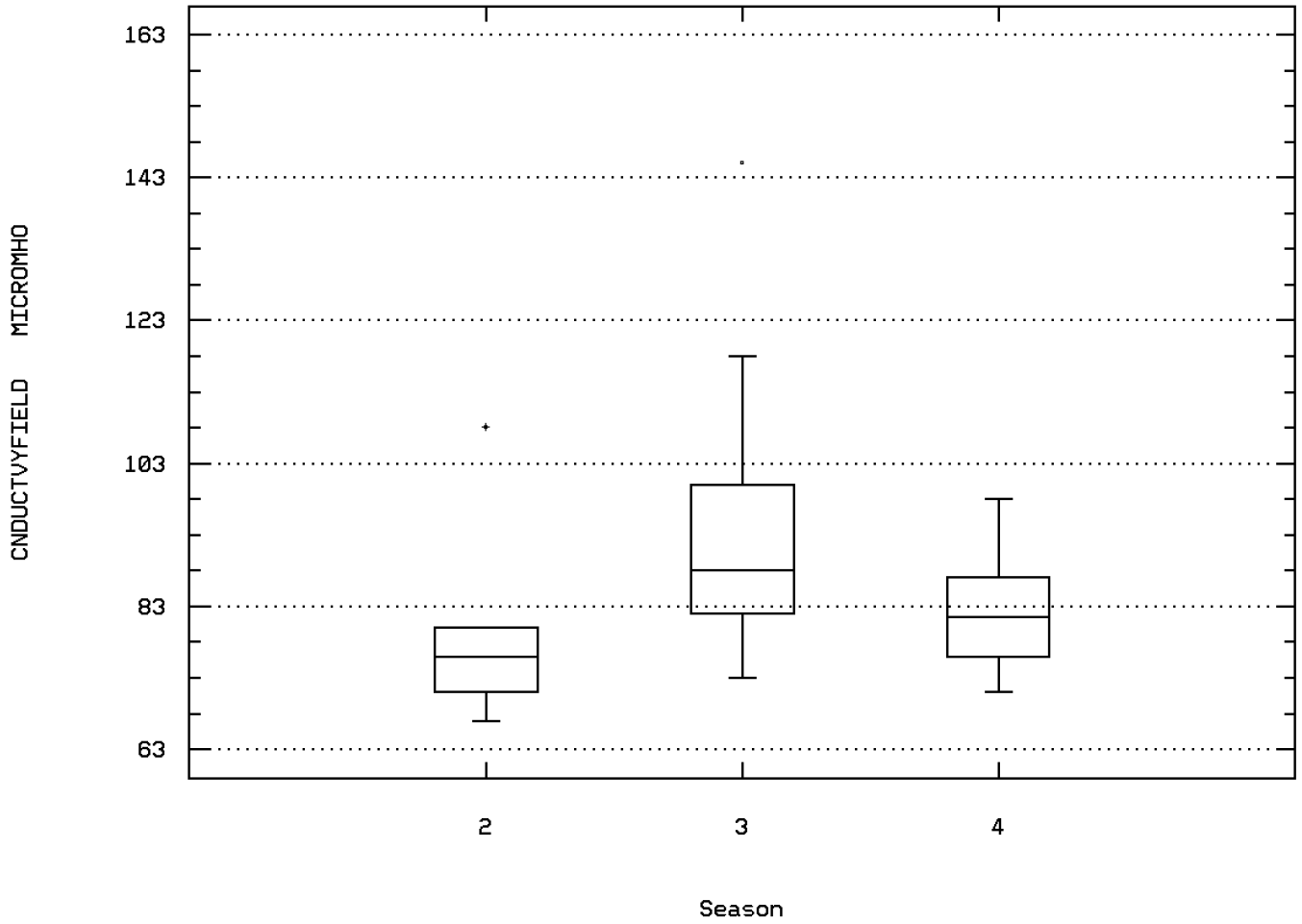
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



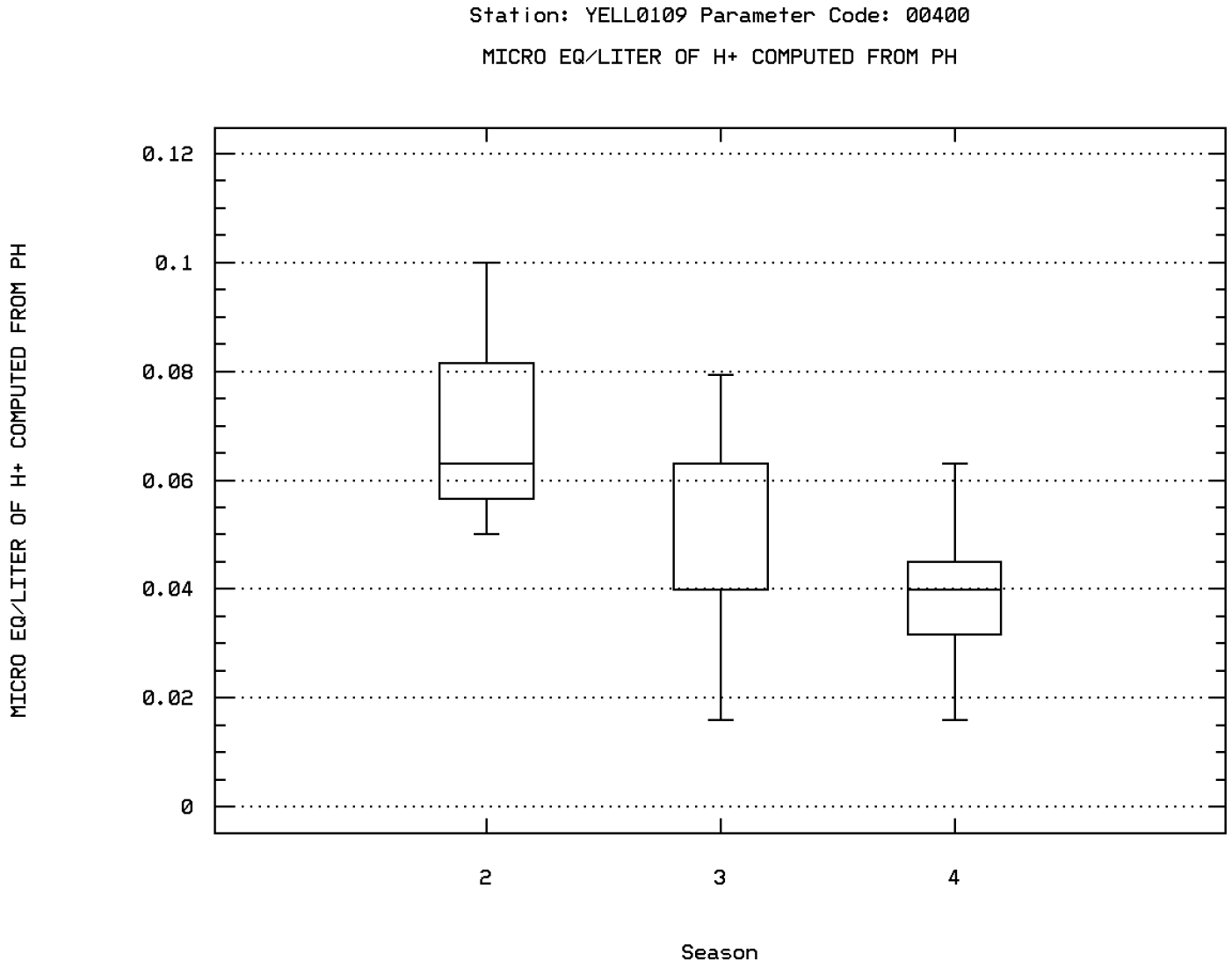
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00094

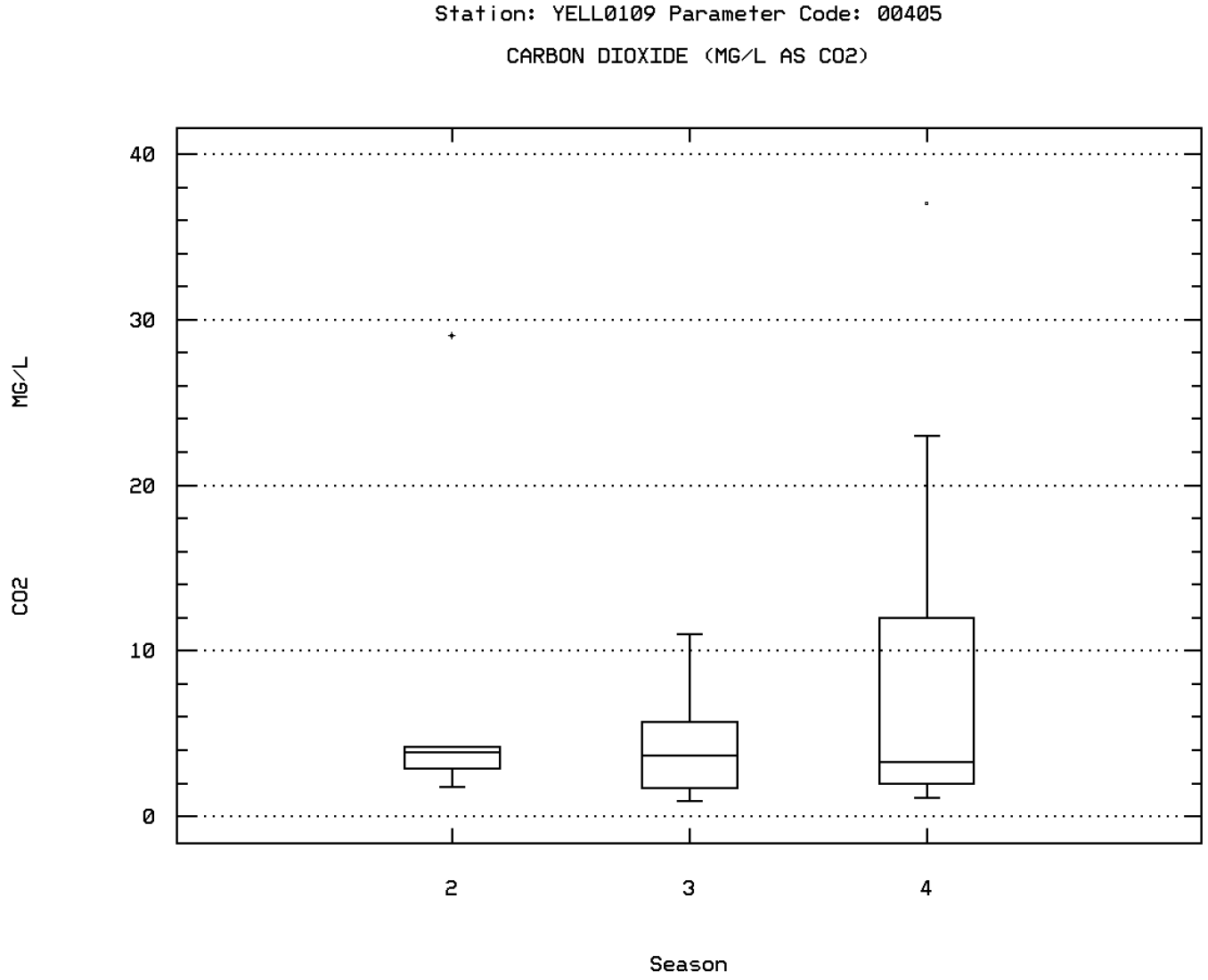
SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



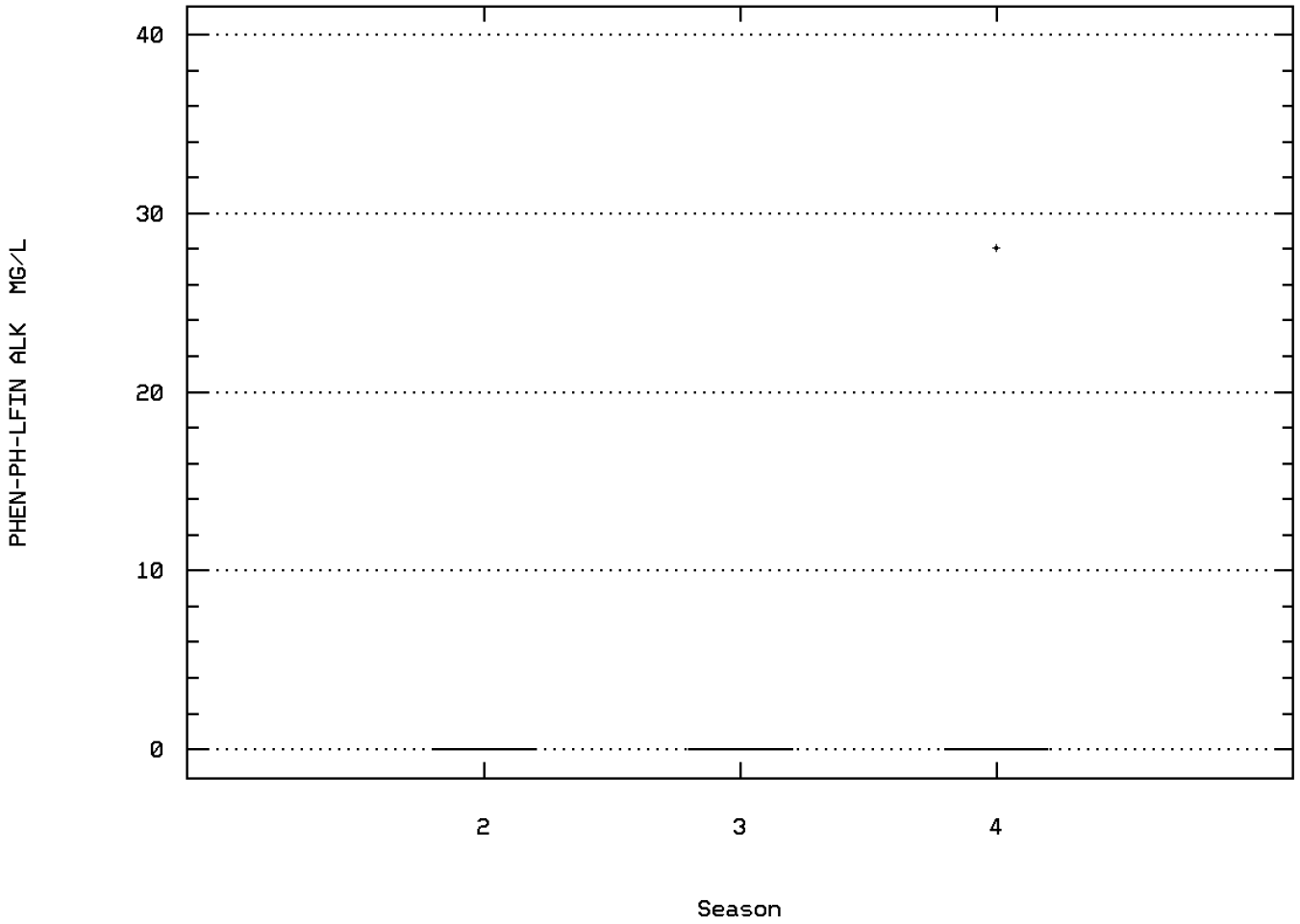
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00415

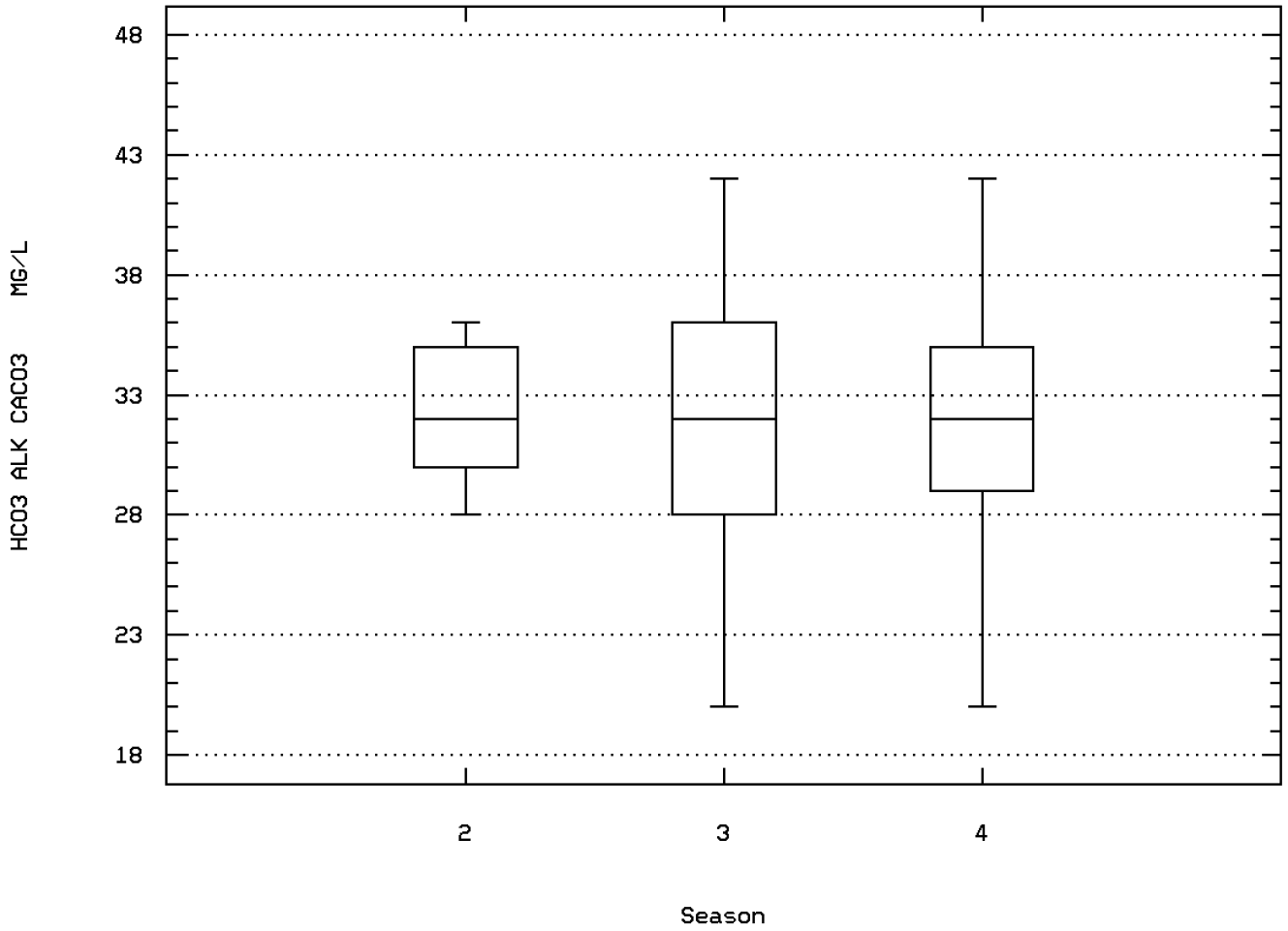
ALKALINITY, PHENOLPHTHALEIN (MG/L)



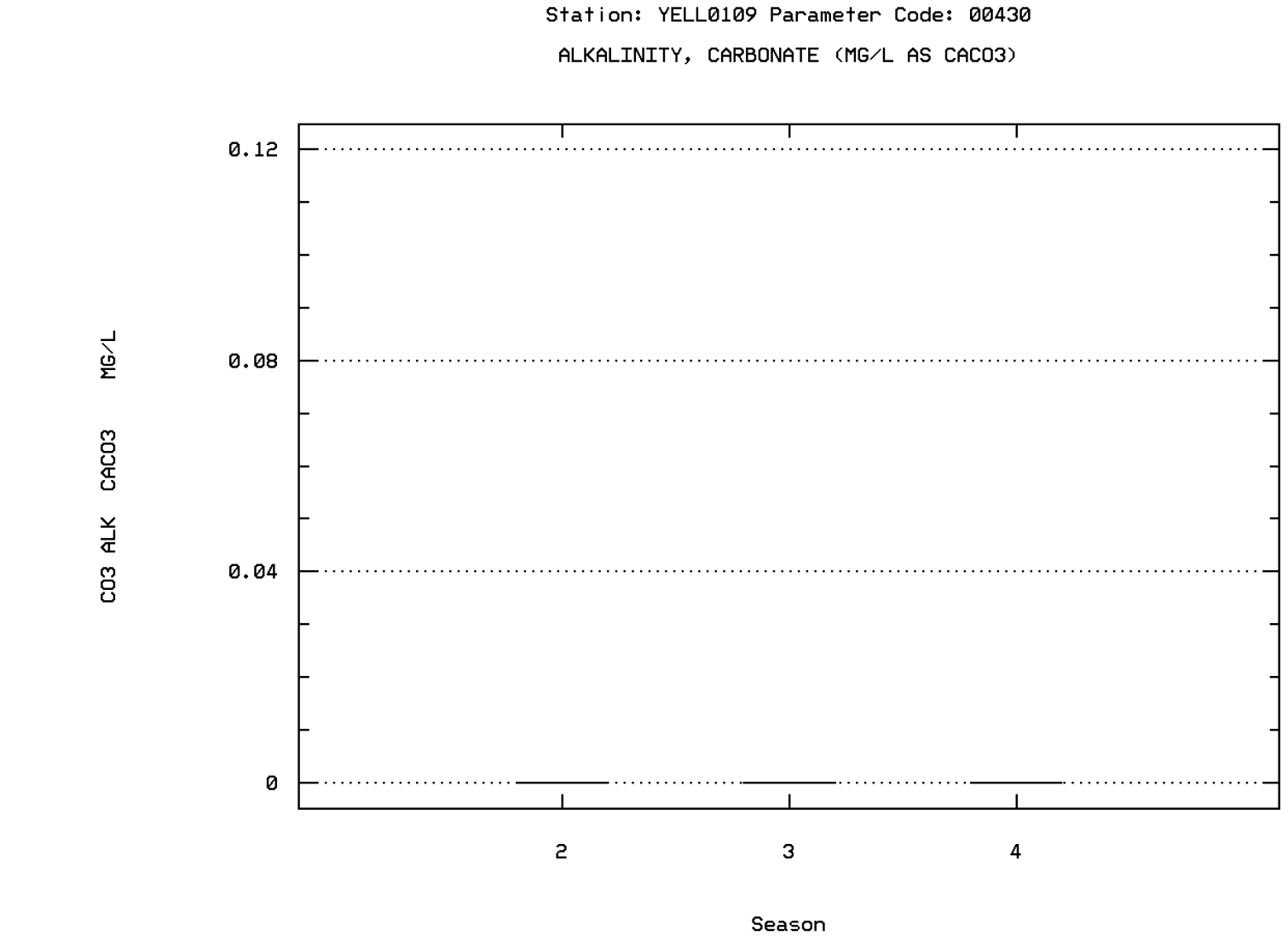
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00425

ALKALINITY, BICARBONATE (MG/L AS CACO3)



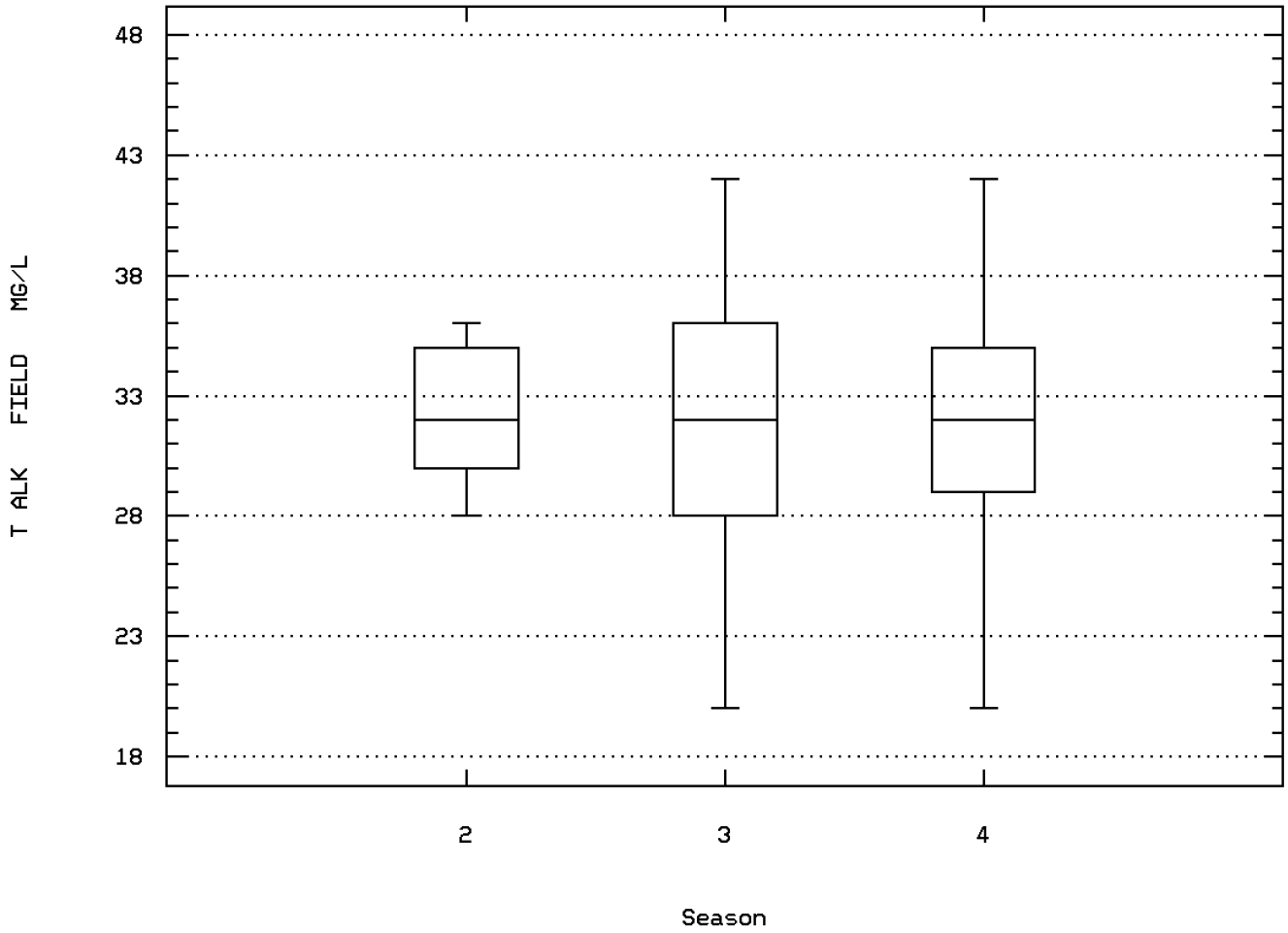
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00431

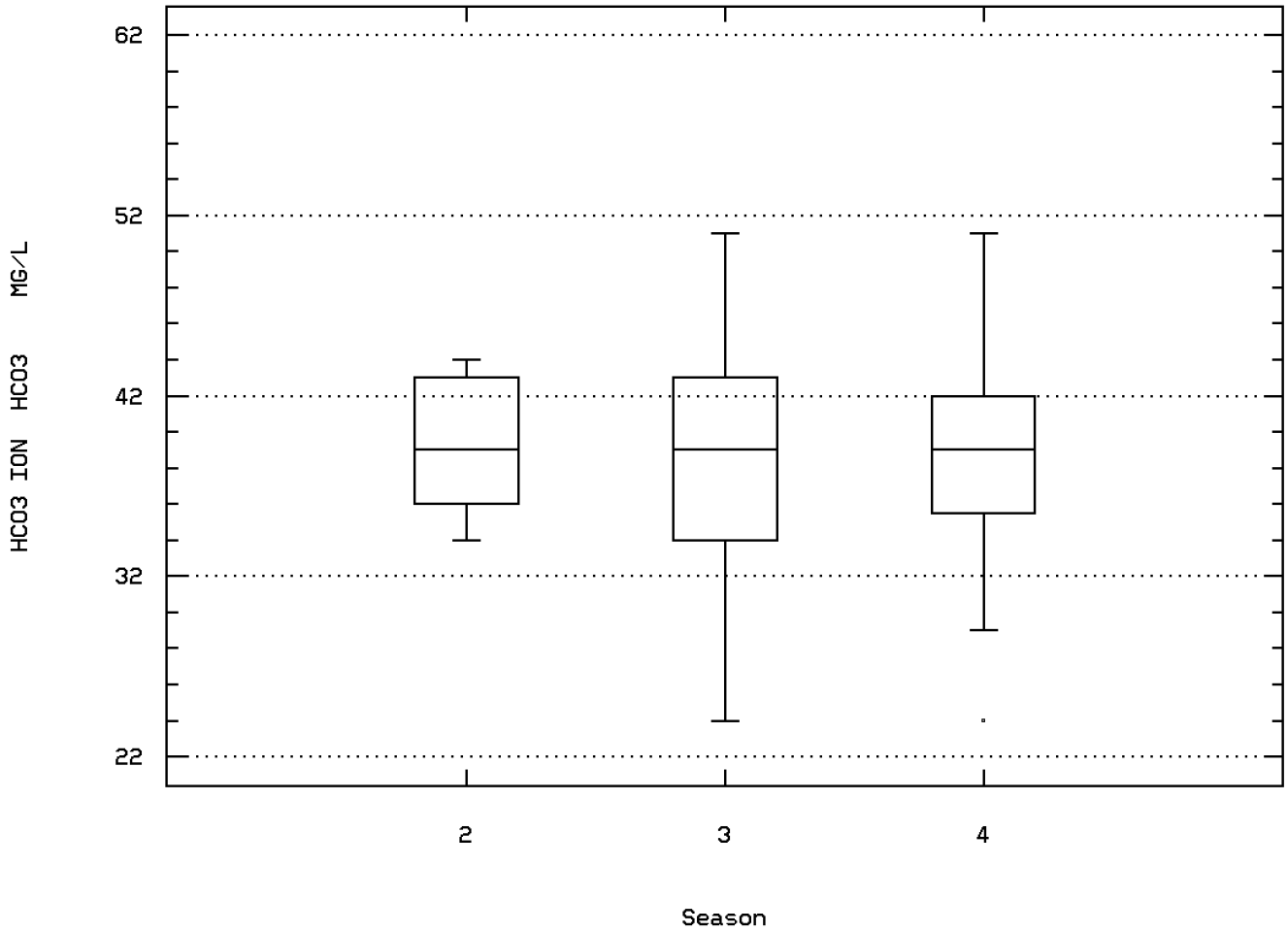
ALKALINITY TOATL FIELD, (MG/L AS CACO3)



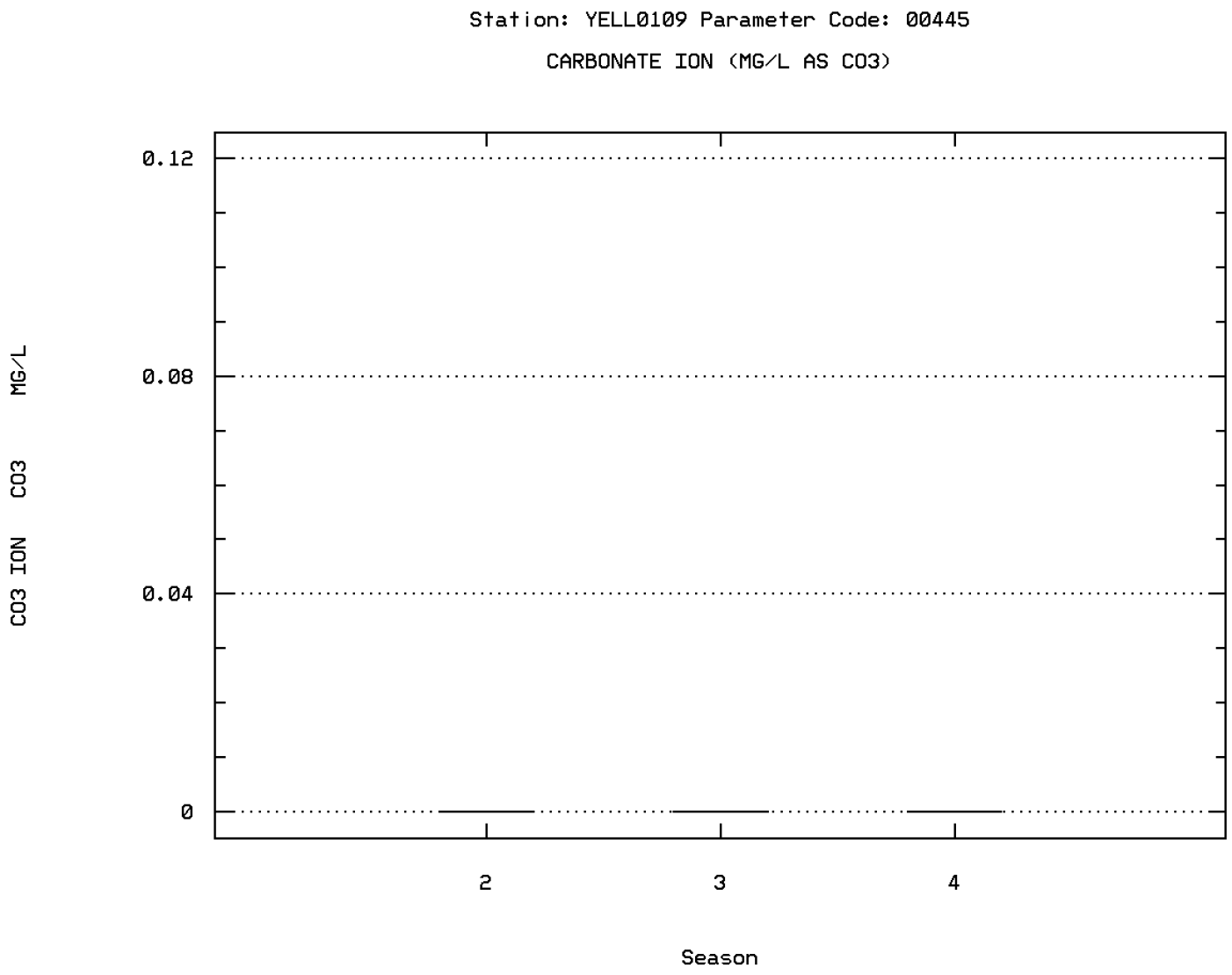
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00440

BICARBONATE ION (MG/L AS HCO3)



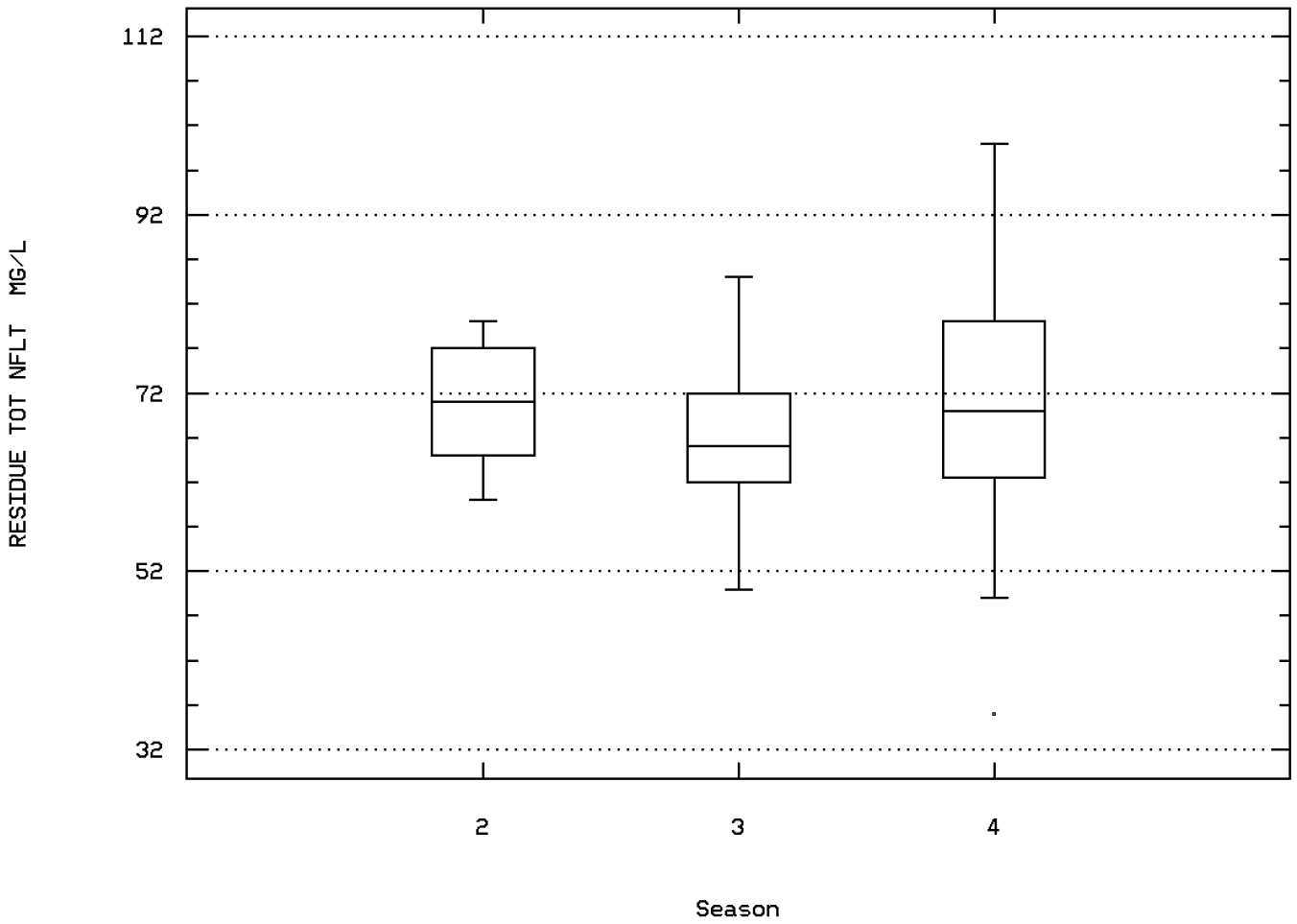
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00530

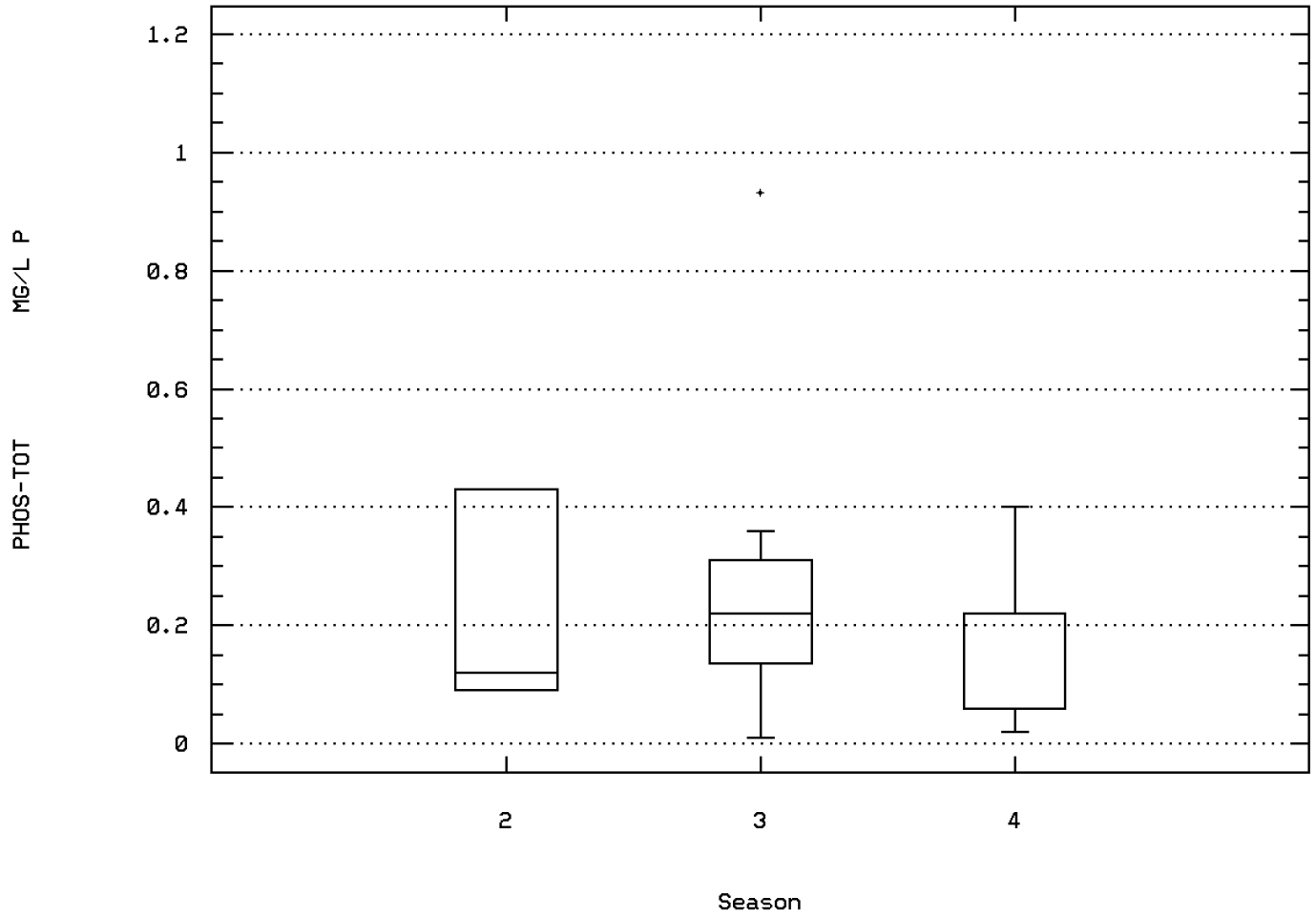
RESIDUE, TOTAL NONFILTRABLE (MG/L)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00665

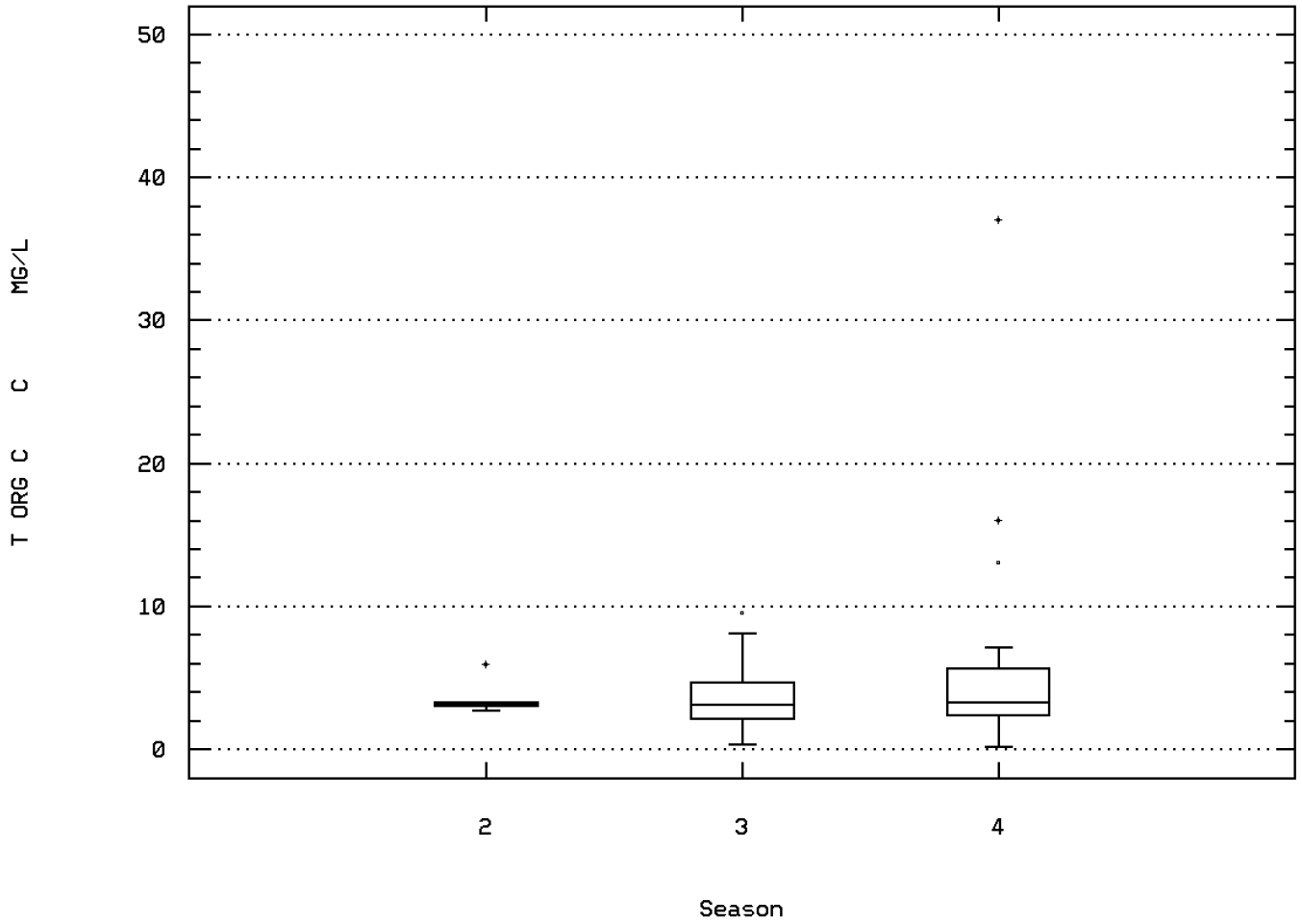
PHOSPHORUS, TOTAL (MG/L AS P)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00680

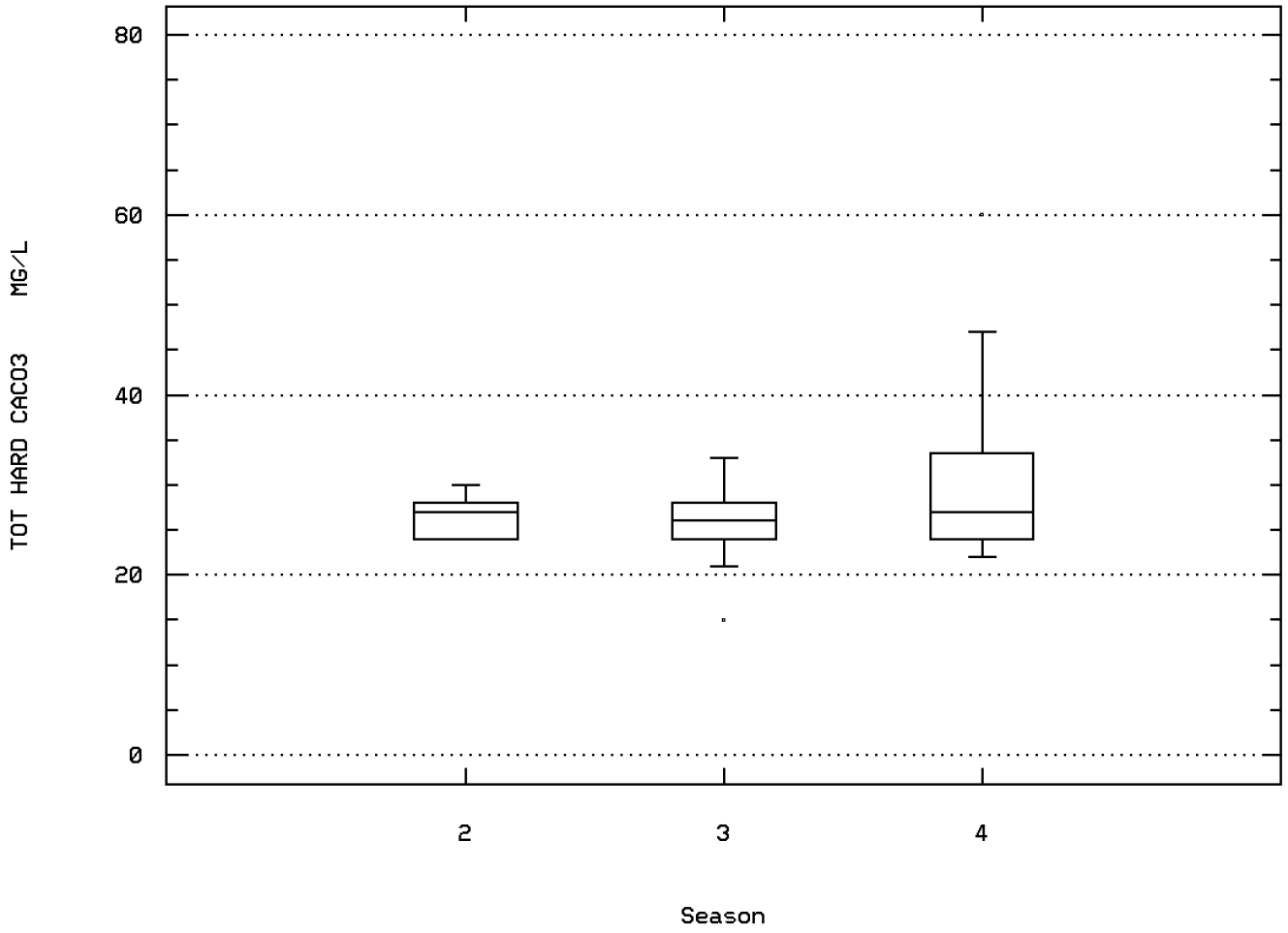
CARBON, TOTAL ORGANIC (MG/L AS C)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00900

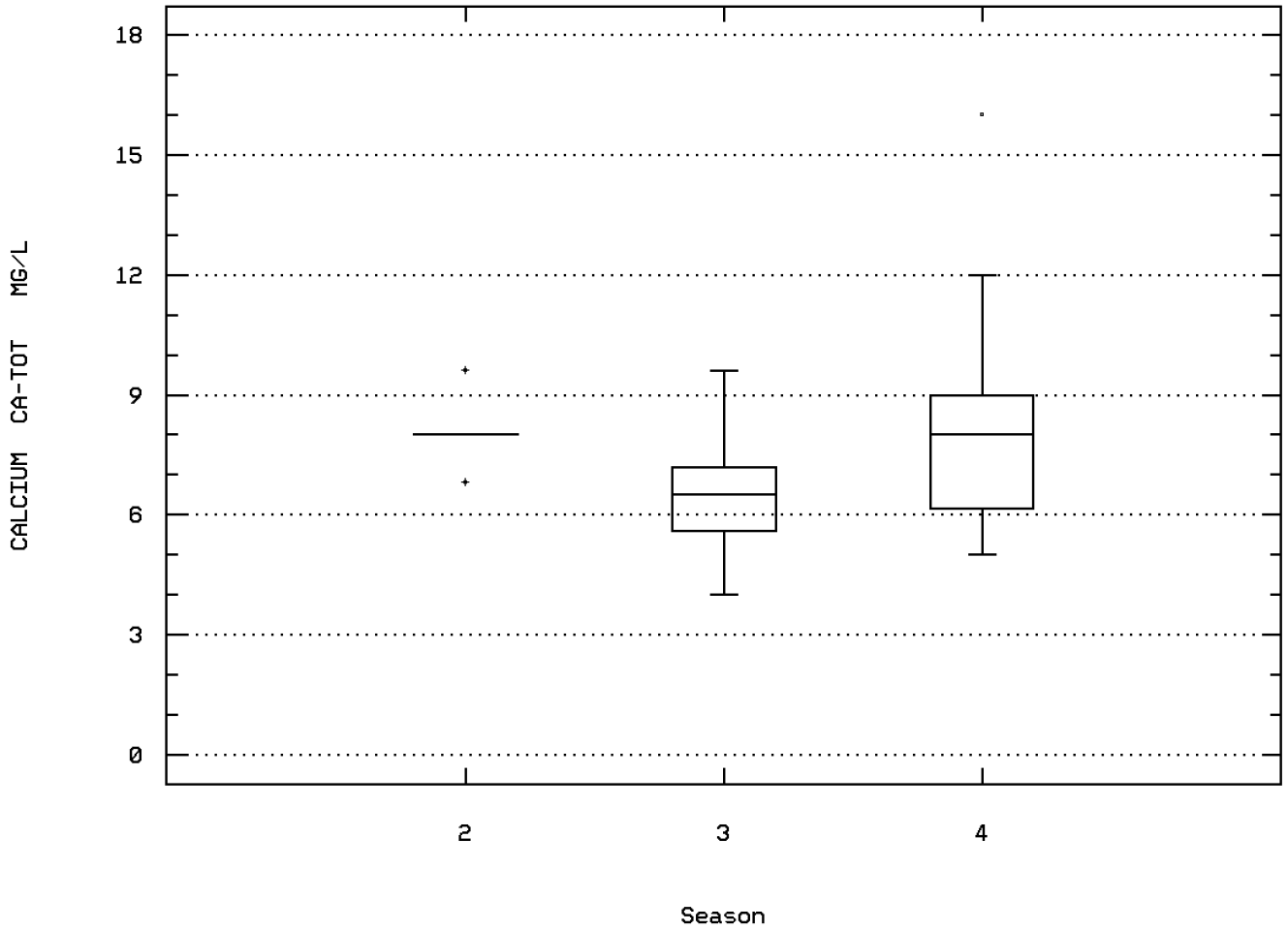
HARDNESS, TOTAL (MG/L AS CACO3)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00916

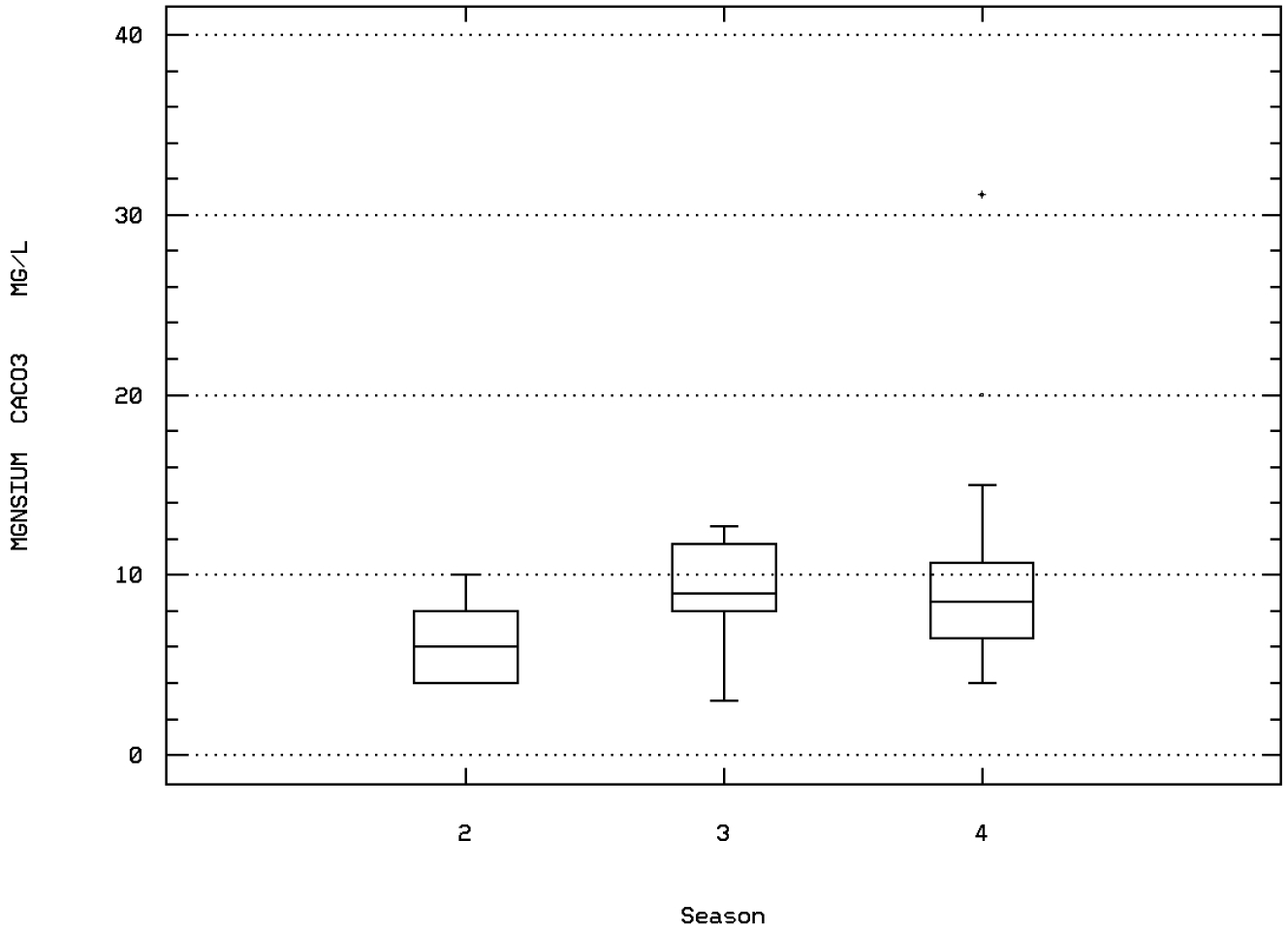
CALCIUM, TOTAL (MG/L AS CA)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00920

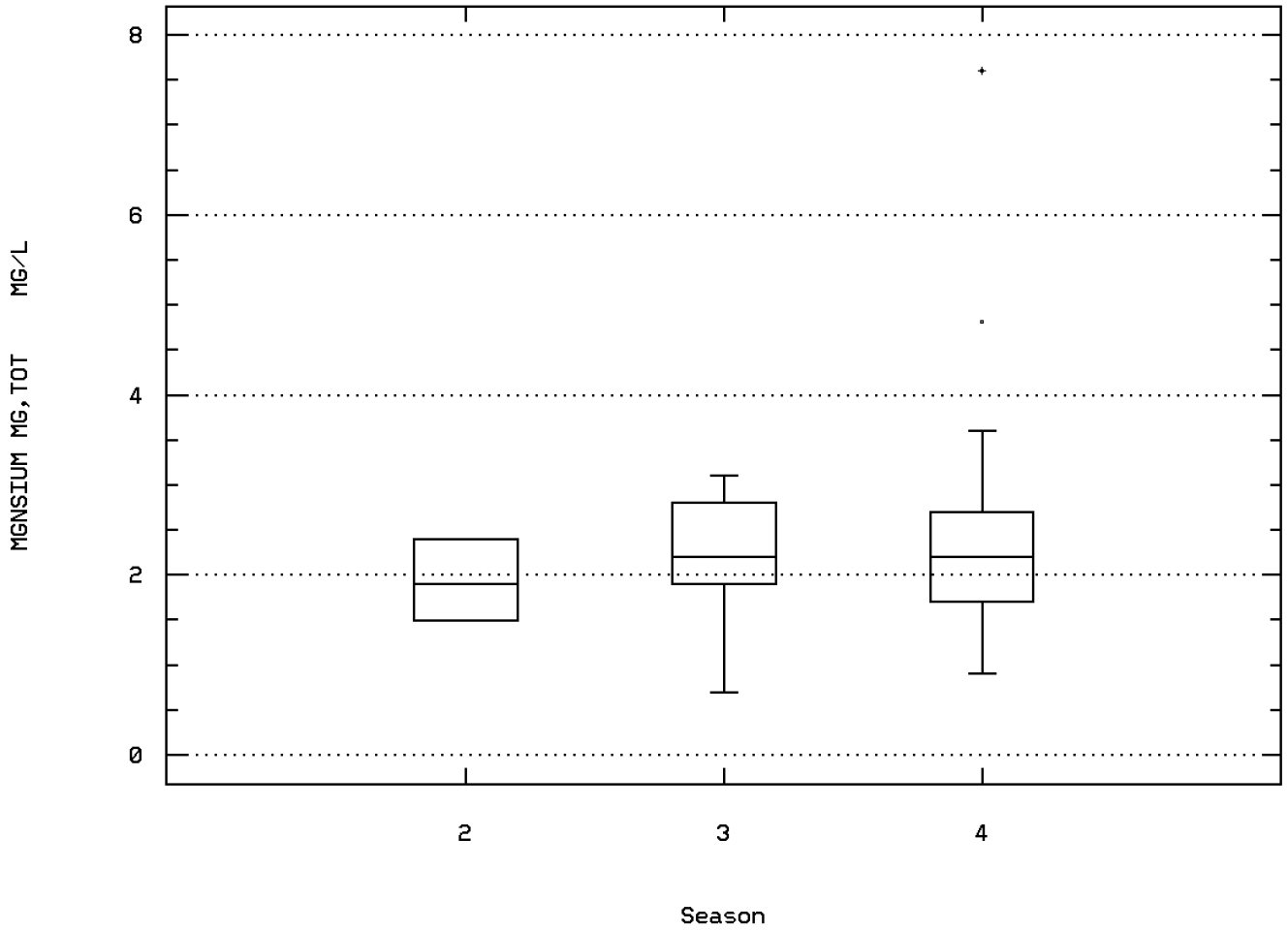
MAGNESIUM (MG/L AS CACO3)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00927

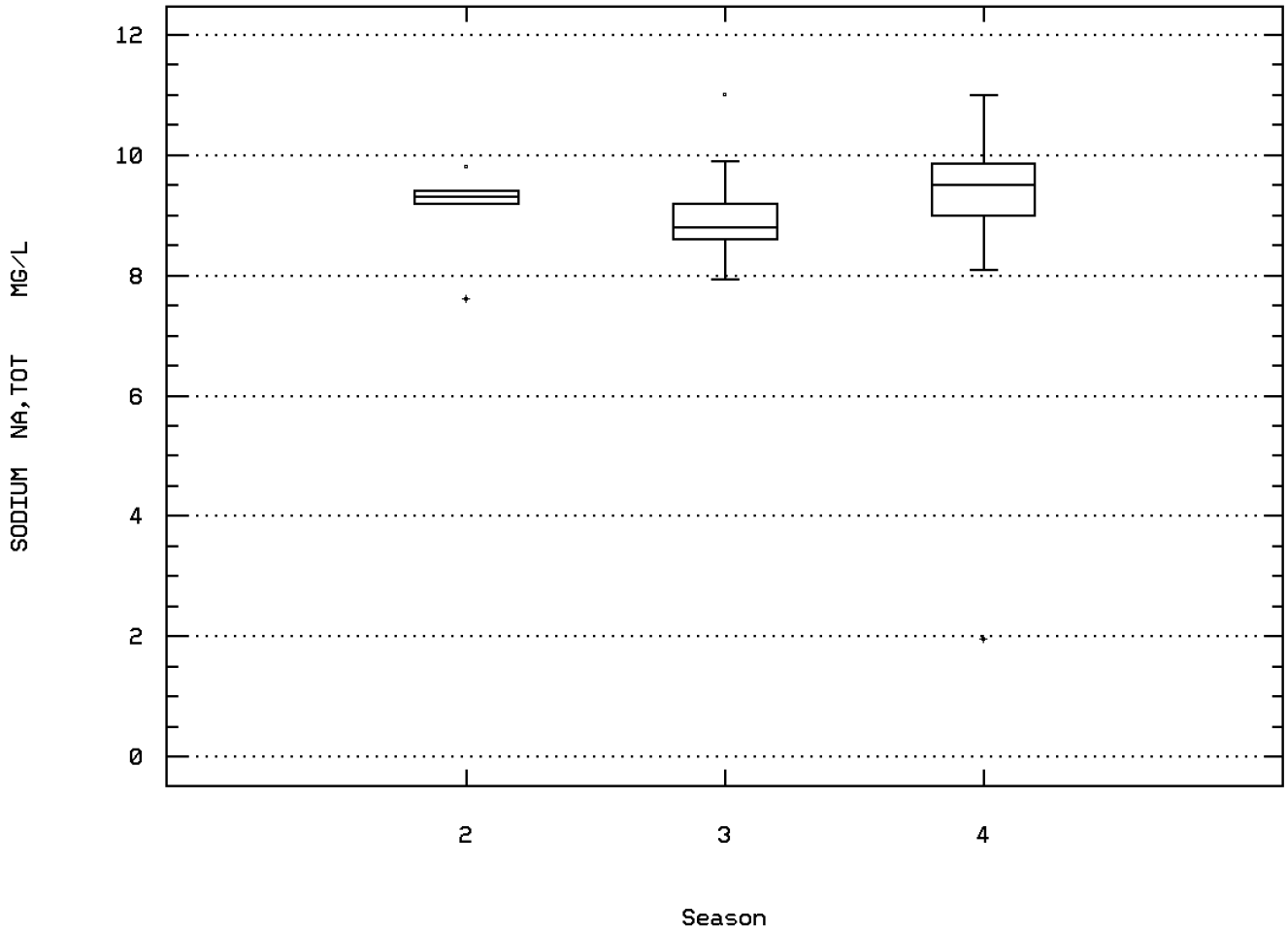
MAGNESIUM, TOTAL (MG/L AS MG)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00929

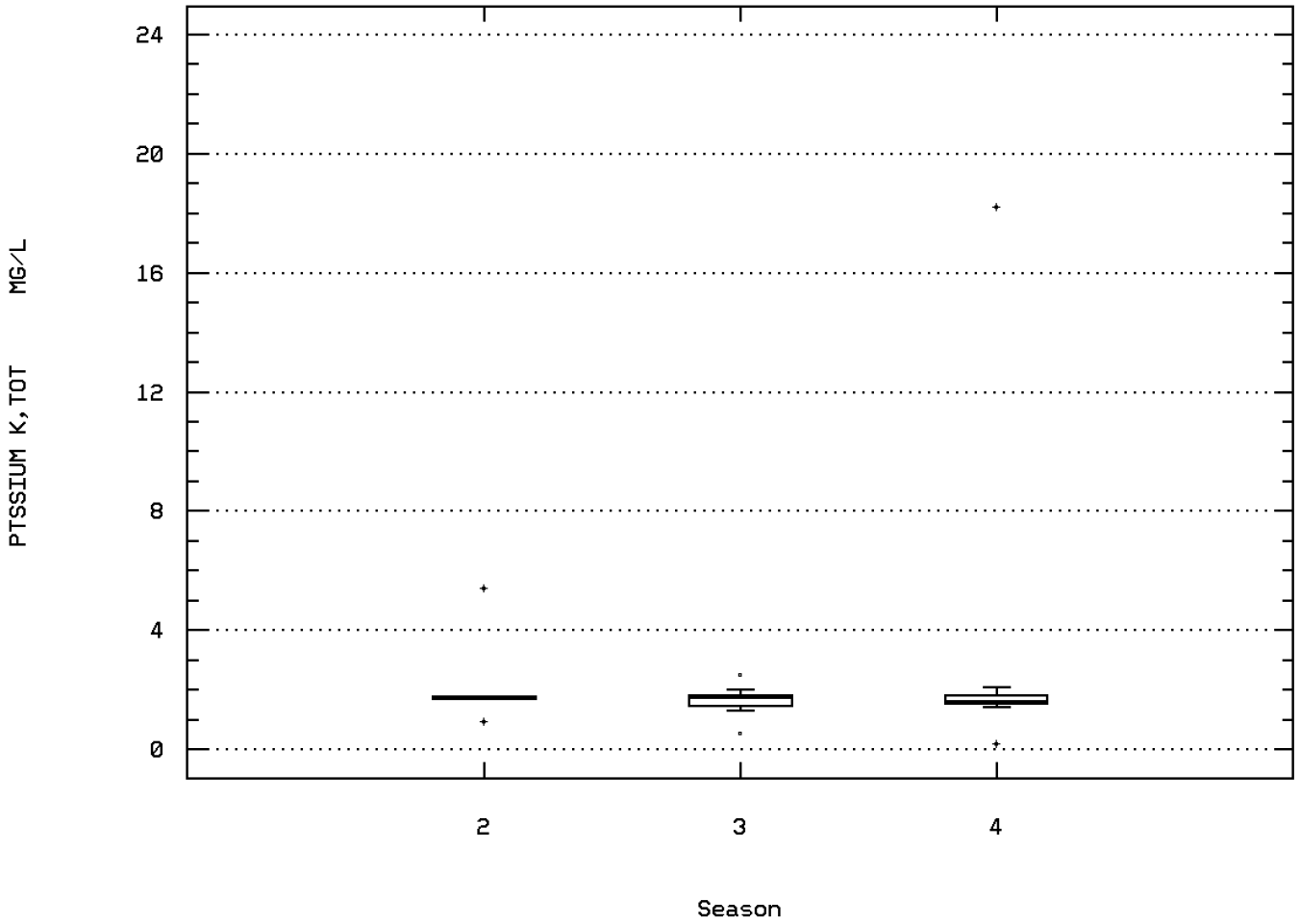
SODIUM, TOTAL (MG/L AS NA)



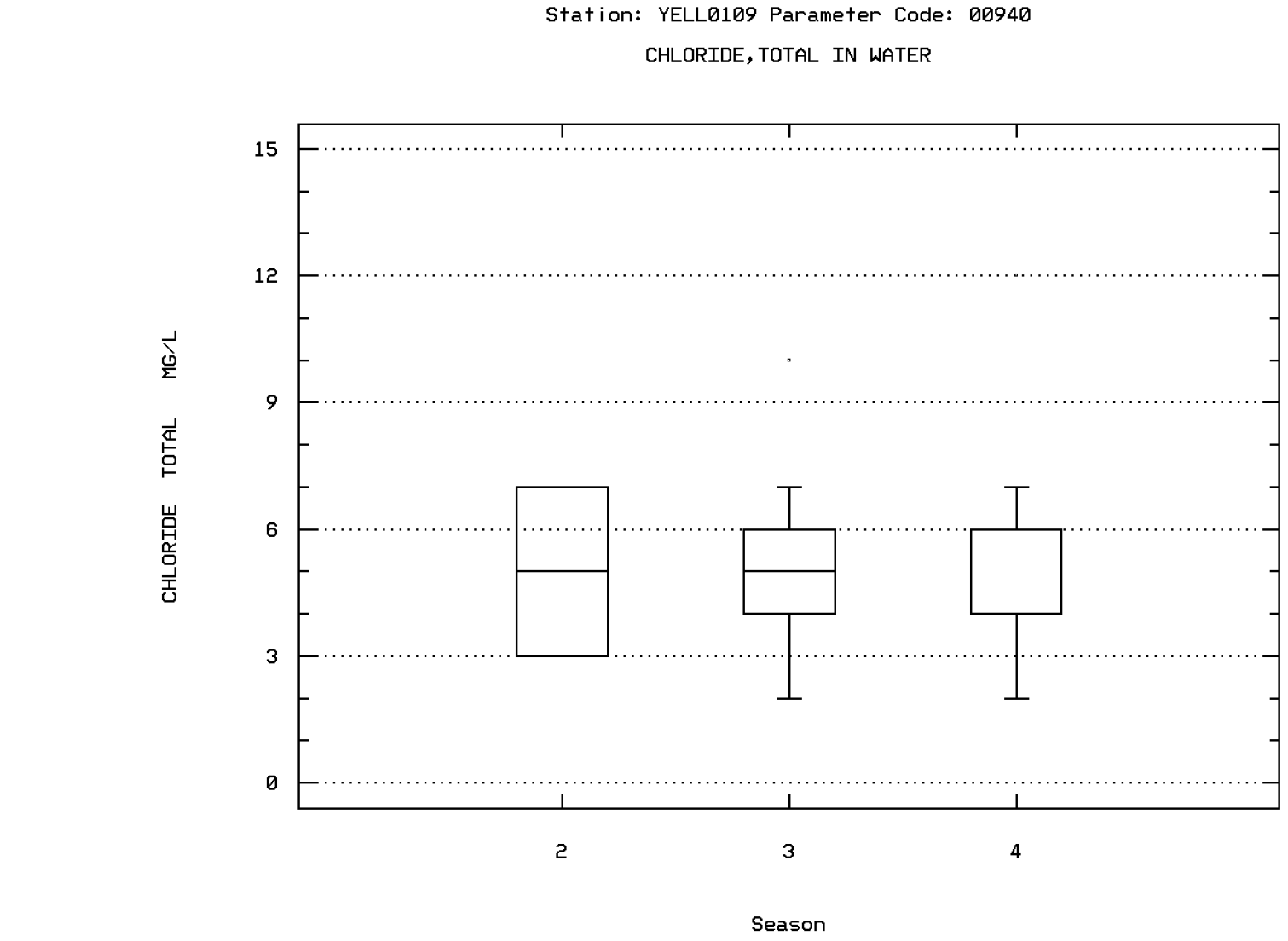
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00937

POTASSIUM, TOTAL MG/L AS K)



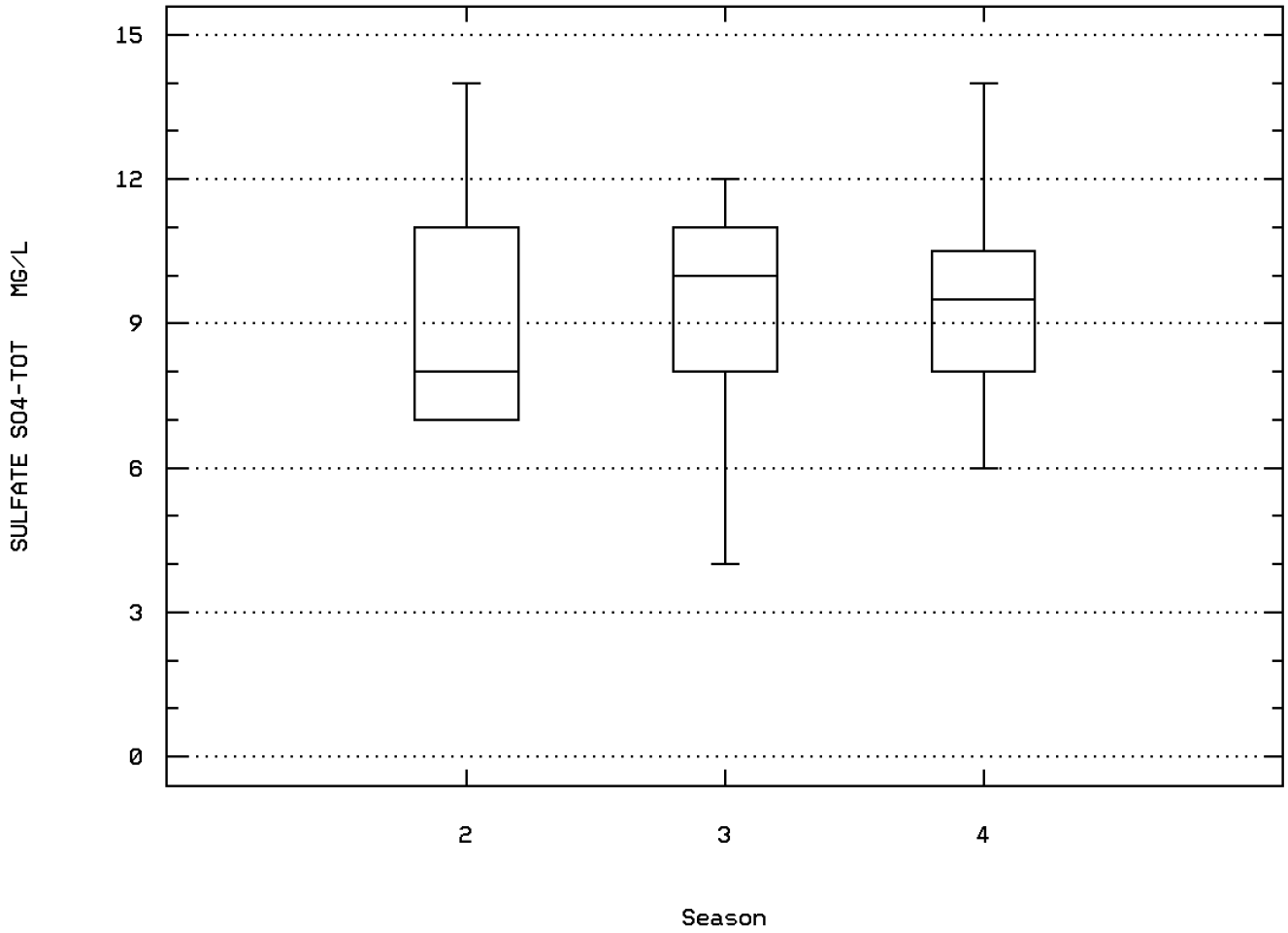
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00945

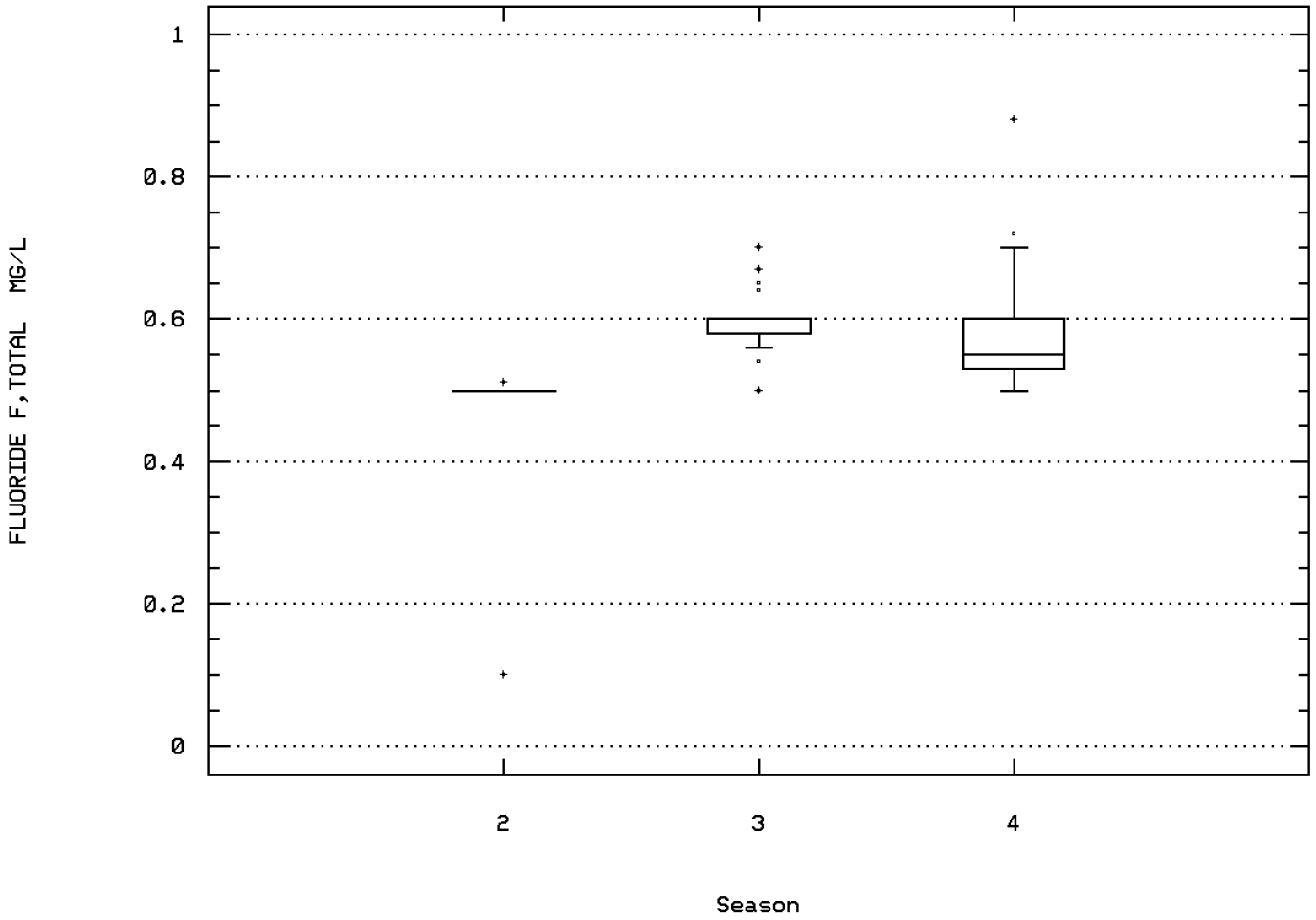
SULFATE, TOTAL (MG/L AS SO4)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00951

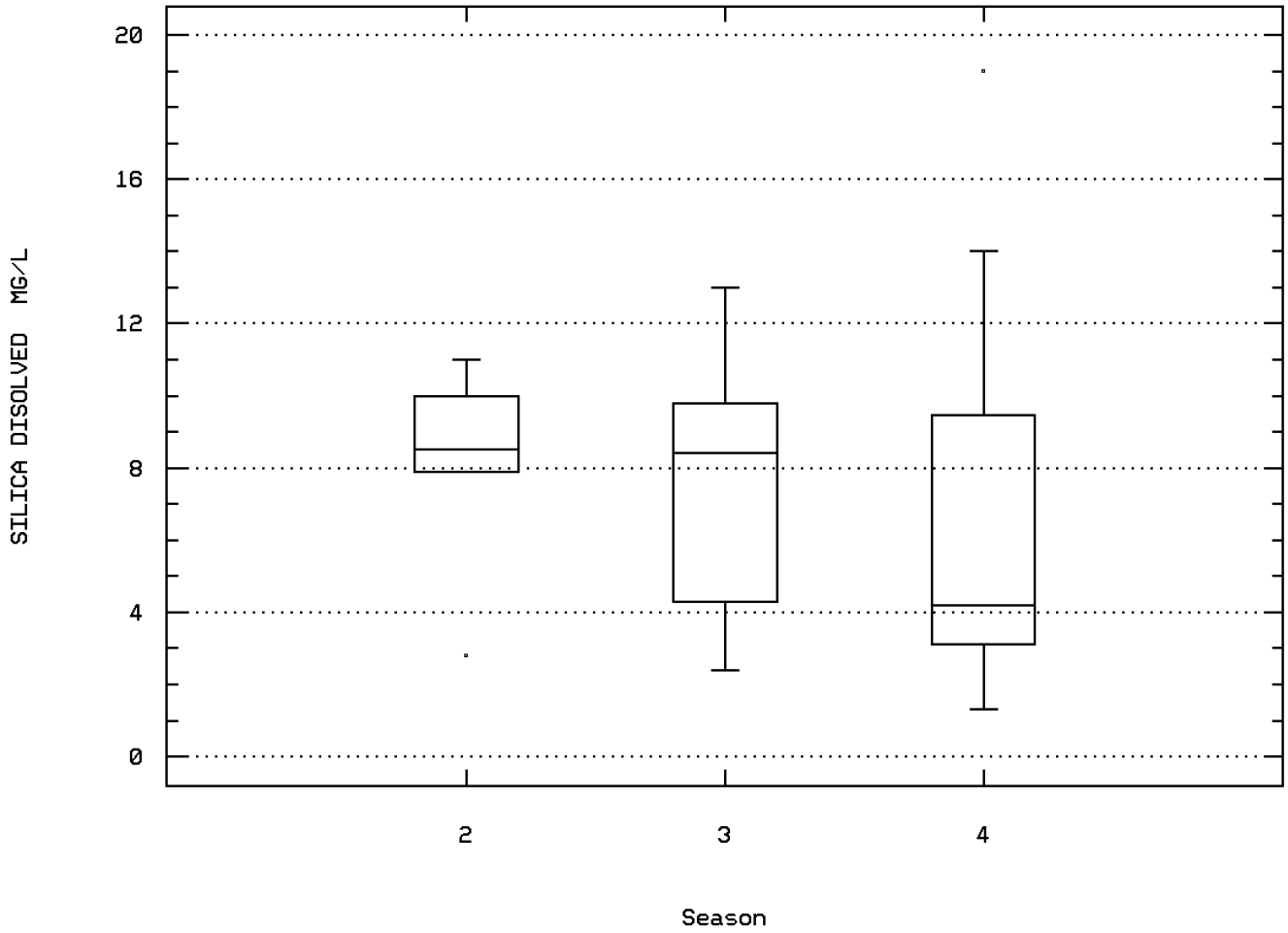
FLUORIDE, TOTAL (MG/L AS F)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 00955

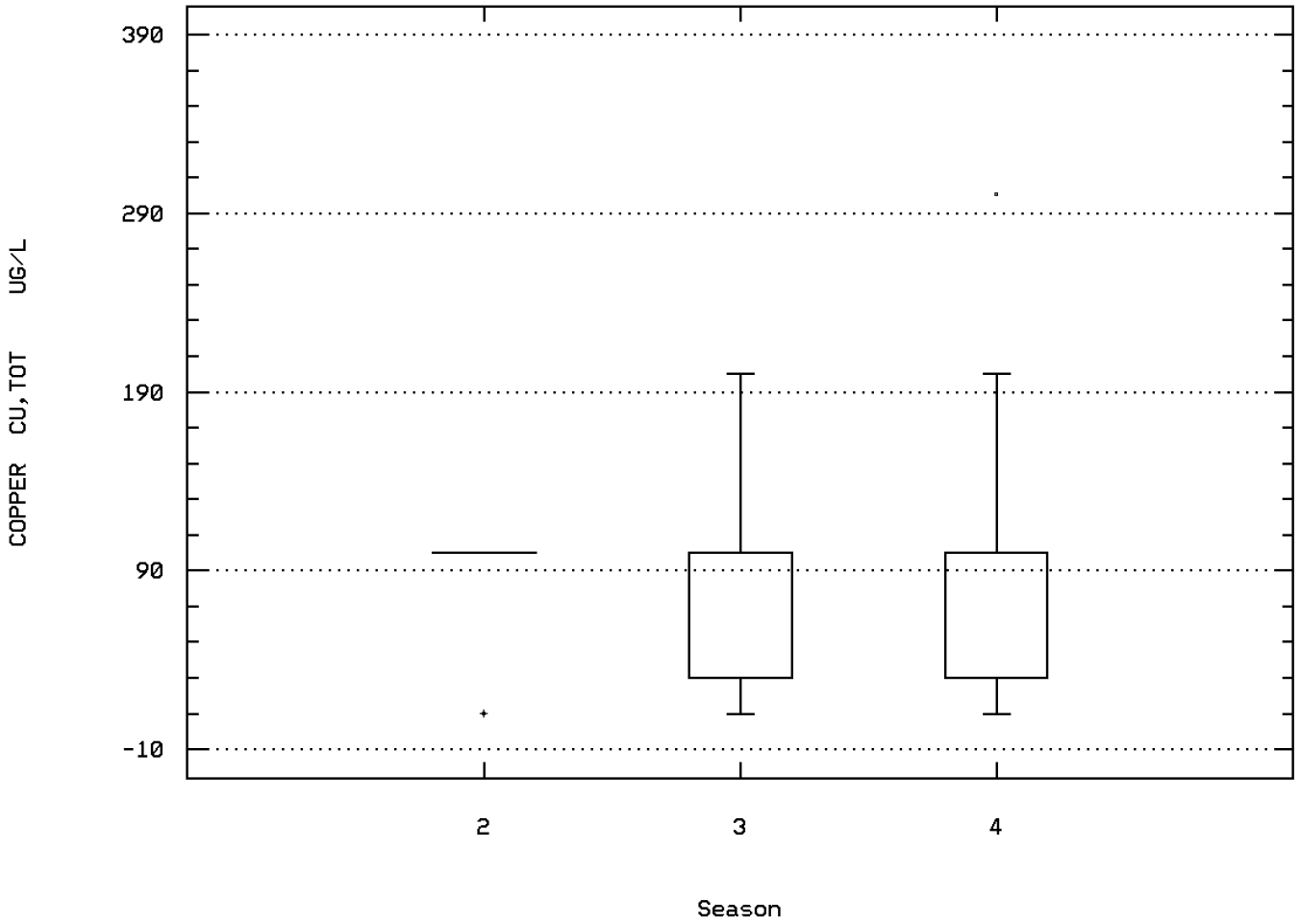
SILICA, DISSOLVED (MG/L AS SI02)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 01042

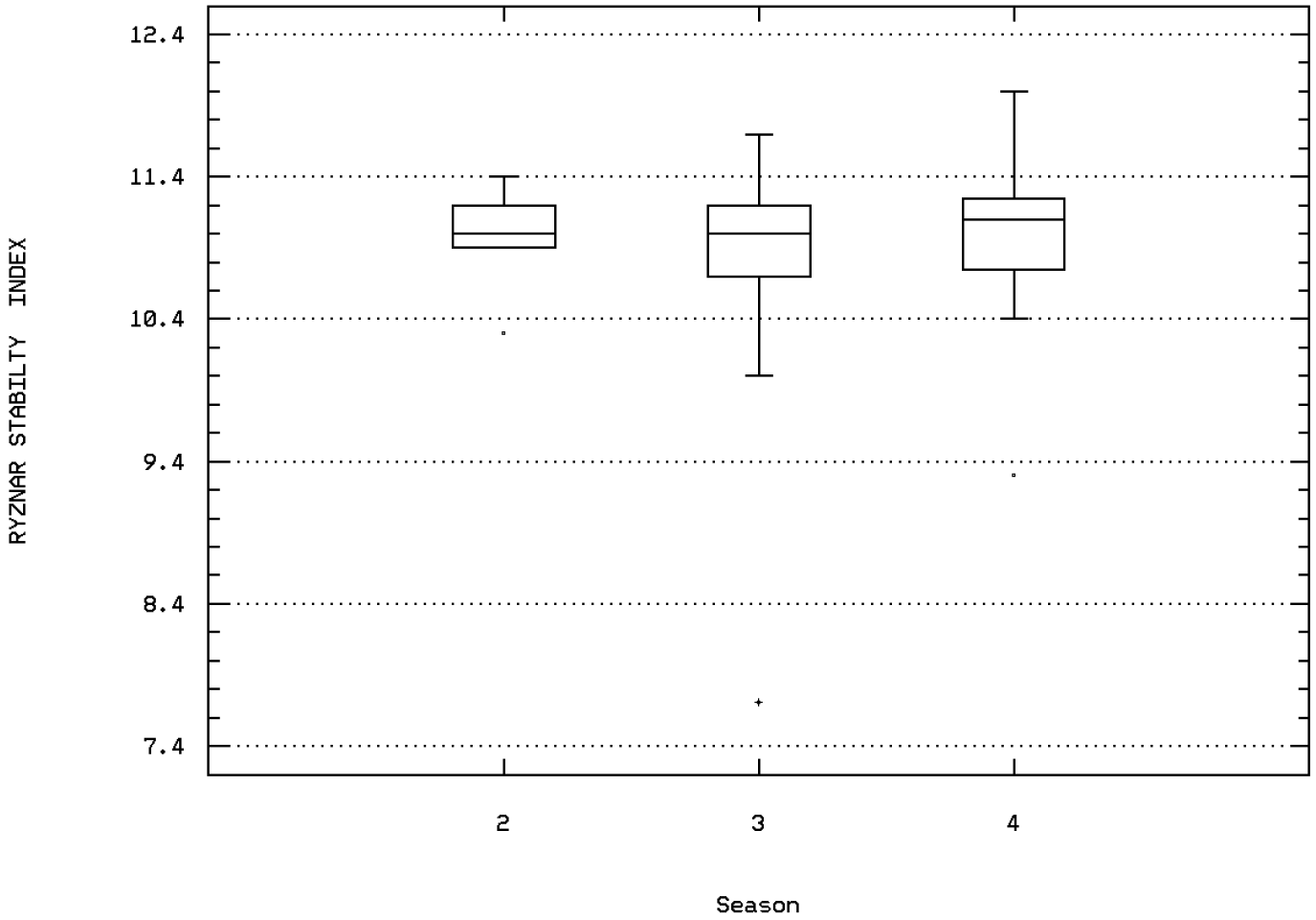
COPPER, TOTAL (UG/L AS CU)



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 70312

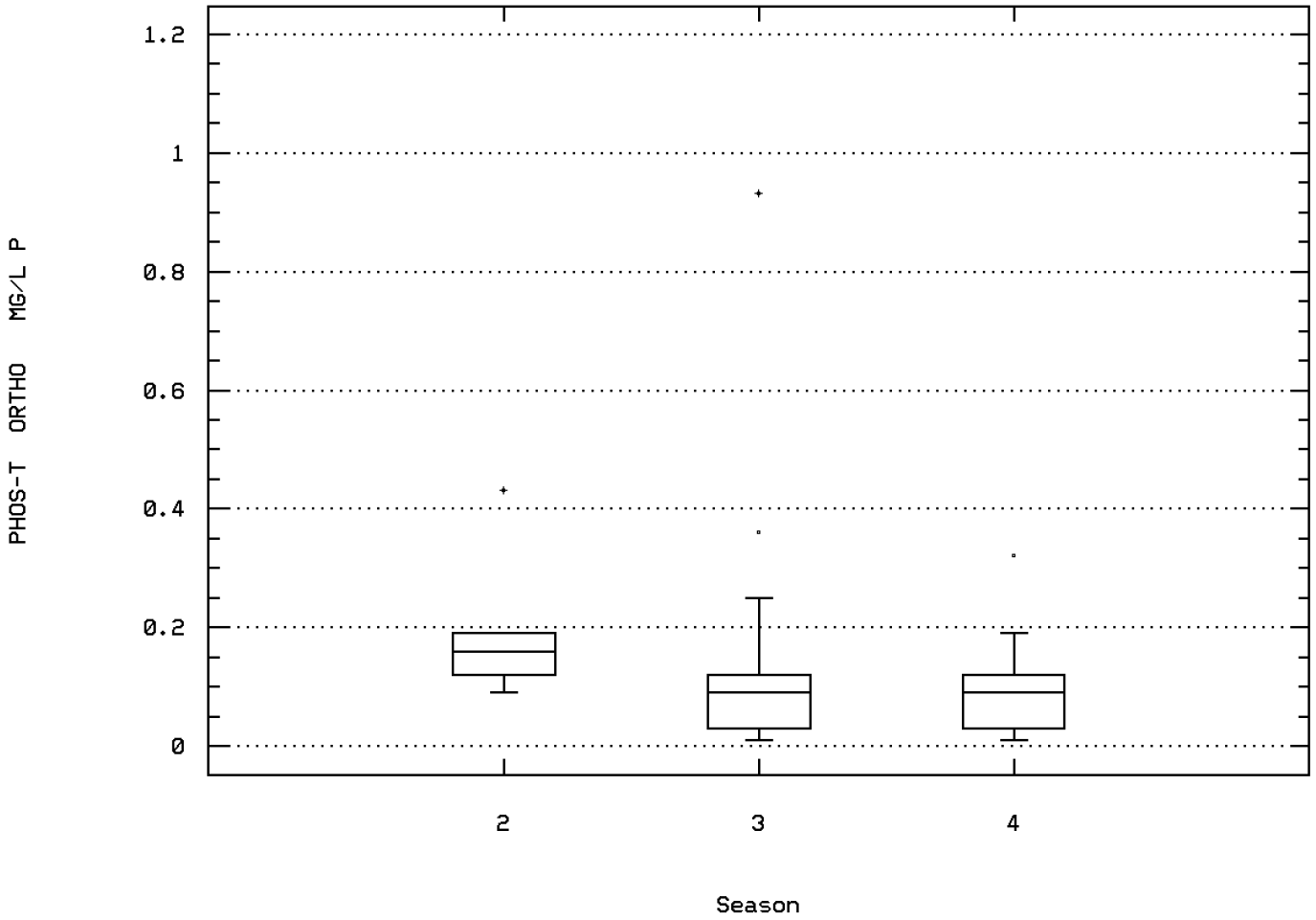
STABILITY INDEX FOR SCALE & CORROSION C



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 70507

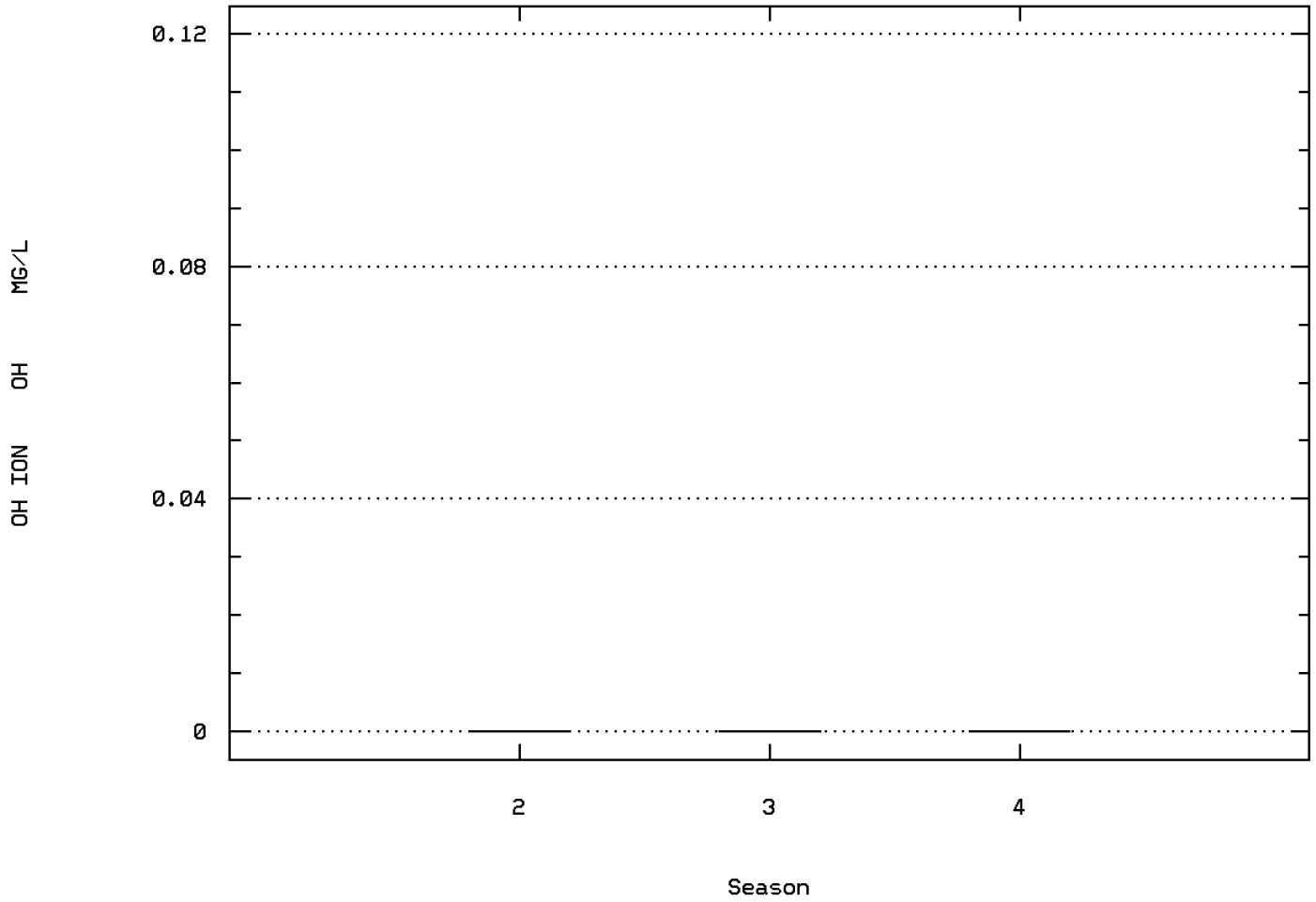
PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 71830

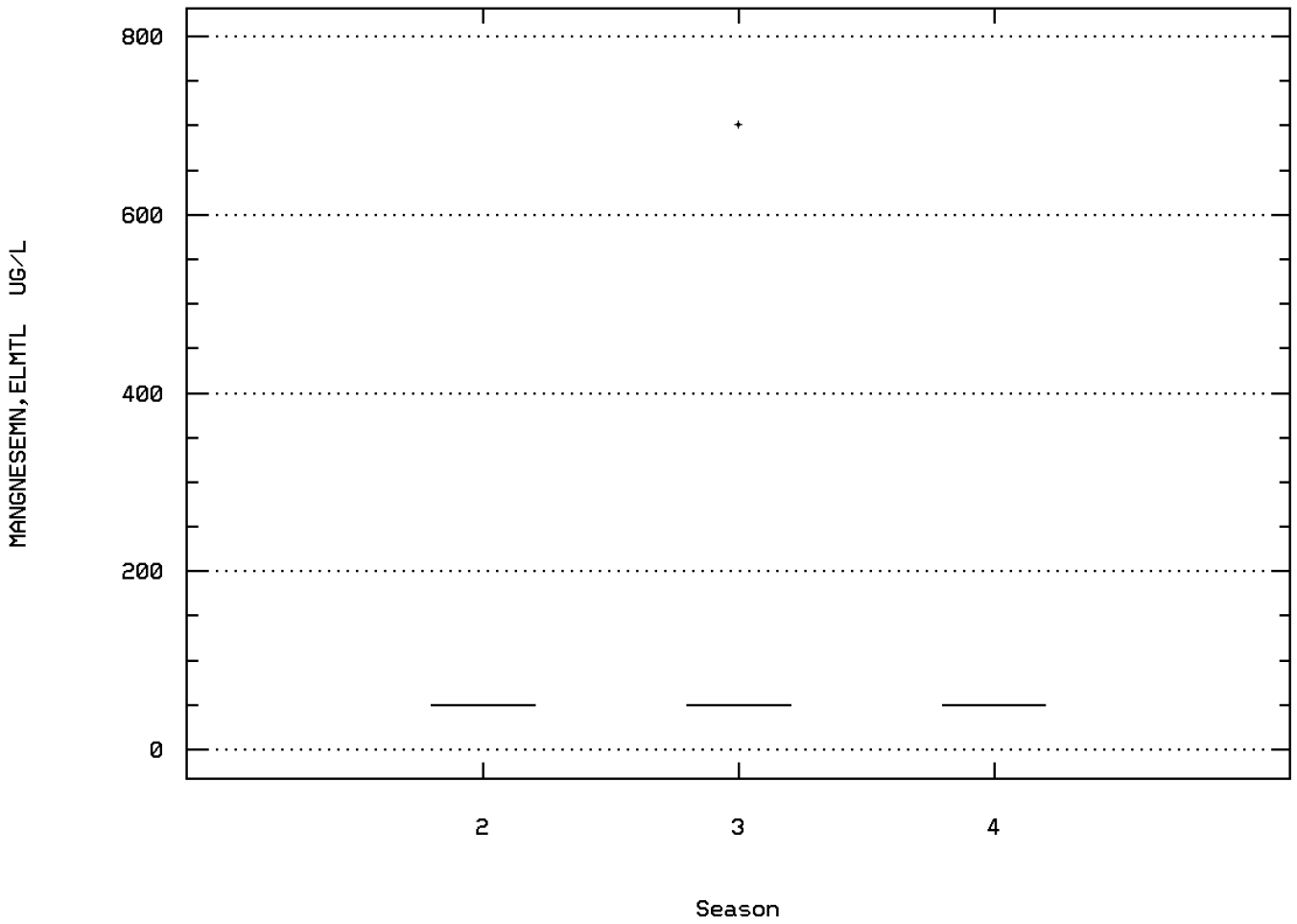
HYDROXIDE ION (MG/L AS OH)



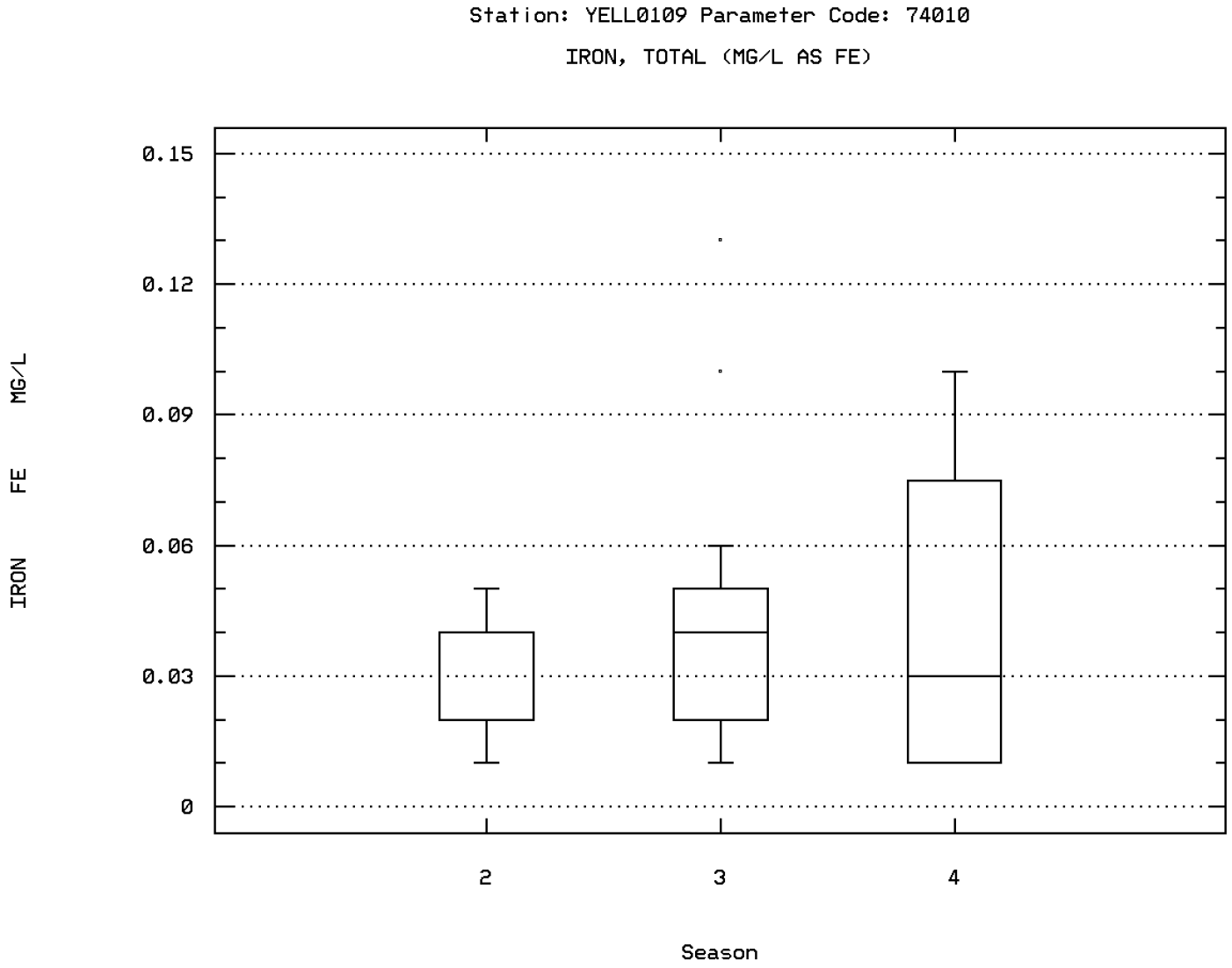
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 71883

MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)



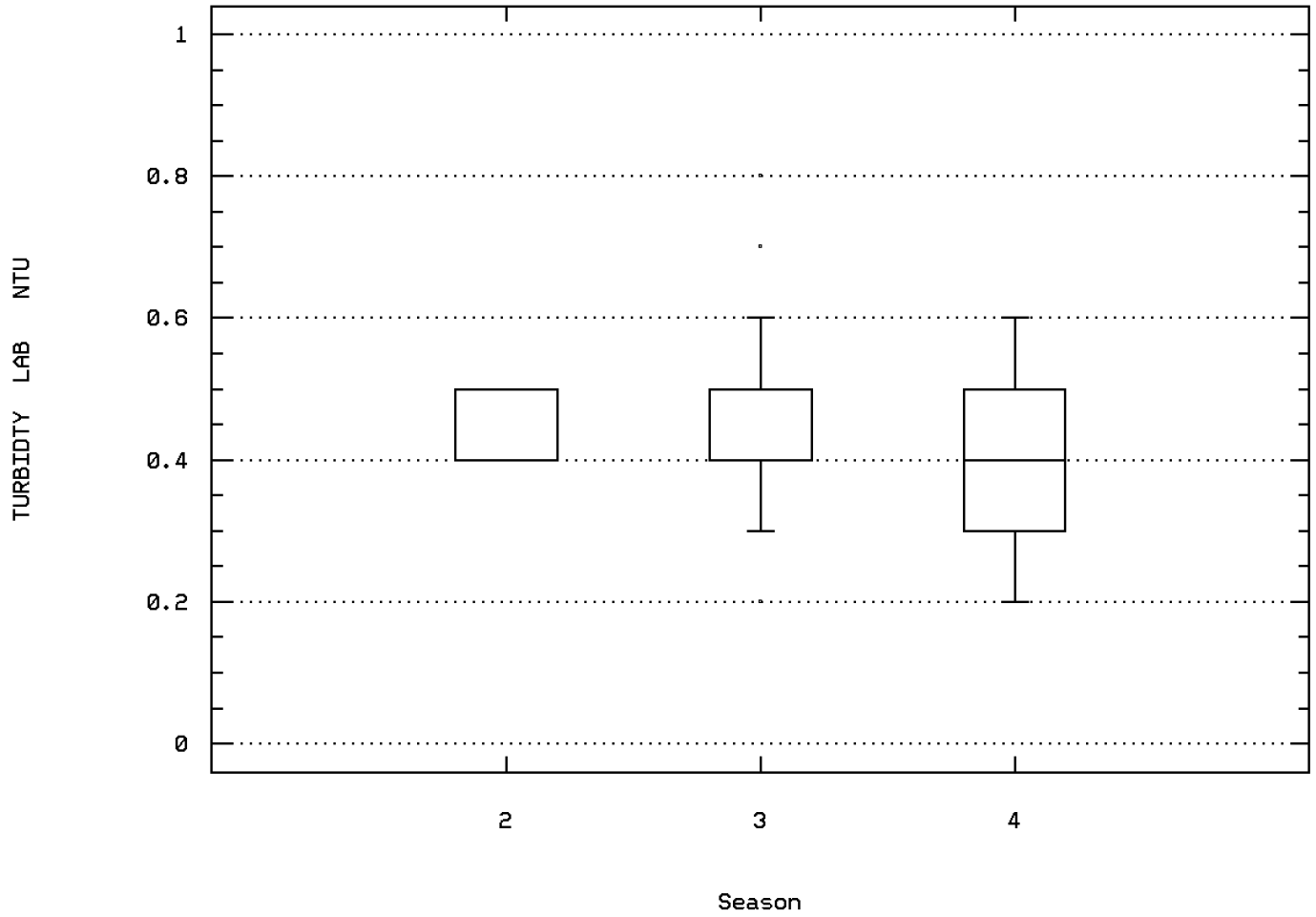
YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station: YELL0109 Parameter Code: 82079

TURBIDITY,LAB NEPHELOMETRIC TURBIDITY U



YELLOWSTONE L. SOUTH ARM OLI SAMPLE SIT

Station Inventory for Station: YELL0110

NPS Station ID: YELL0110 LAT/LON: 44.317727/ 111.067531 Agency: 11NPSYSP Date Created: 05/24/86
Location: BUFFALO L. BASE OF MADISON PLATEAU SW YNP FIPS State/County: 16043 IDAHO/FREMONT
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 401100000000052
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040203 Depth of Water: 13 Aquifer:
Major Basin: PACIFIC NW Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040203 RF1 Mile Point: 0.000 Distance from RF1: 10.30 On/Off RF1:
RF3 Index: 17040202081300.00 RF3 Mile Point: 14.39 Distance from RF3: 0.37 On/Off RF3:
Description:
ELEVATION (m)= 2347 CAPACITY (m cubed)= 157349 DRAINAGE AREA (ha)= 255.8 SURFACE AREA (ha)= 8.1
AVERAGE DEPTH (m)= 1.9 MAX DEPTH (m)= 4.9 0 FISH; NO STOCKING RECORDS, MOST DILUTE LAKE SAMPLED TO DATE, DOUBTFUL FISH HABITAT.

Parameter Inventory for Station: YELL0110

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-08/24/76	1	19.4	19.4	19.4	19.4	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/24/76-08/24/76	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-08/24/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/24/76-08/24/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/76-08/24/76	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-08/24/76	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/24/76-08/24/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/24/76-08/24/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/76-08/24/76	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/24/76-08/24/76	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/24/76-08/24/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/24/76-08/24/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/24/76-08/24/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/24/76-08/24/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/24/76-08/24/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/24/76-08/24/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/24/76-08/24/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/24/76-08/24/76	1	0.76	0.76	0.76	0.76	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/24/76-08/24/76	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-08/24/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/24/76-08/24/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/76-08/24/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/24/76-08/24/76	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/24/76-08/24/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/24/76-08/24/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/24/76-08/24/76	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/24/76-08/24/76	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/76-08/24/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/76-08/24/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/24/76-08/24/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/76-08/24/76	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

Parameter Inventory for Station: YELL0110

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	08/24/76-08/24/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/24/76-08/24/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/24/76-08/24/76	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-08/24/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/24/76-08/24/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/24/76-08/24/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/24/76-08/24/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/24/76-08/24/76	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: YELL0110

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0111

NPS Station ID: YELL0111
LAT/LON: 44.323337/ 110.183893
Agency: 112WRD
Date Created: / /
Location: BEAVER DAM CR NR MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06185830
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001105
RF1 Mile Point: 1.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001105100.00
RF3 Mile Point: 0.19
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/70-09/10/70	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	09/10/70-09/10/70	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/10/70-09/10/70	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/70-09/10/70	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/10/70-09/10/70	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/10/70-09/10/70	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/70-09/10/70	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/70-09/10/70	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/10/70-09/10/70	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/10/70-09/10/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/10/70-09/10/70	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/10/70-09/10/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/70-09/10/70	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/70-09/10/70	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/10/70-09/10/70	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/10/70-09/10/70	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/10/70-09/10/70	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/70-09/10/70	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/70-09/10/70	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/70-09/10/70	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/70-09/10/70	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/70-09/10/70	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/10/70-09/10/70	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/10/70-09/10/70	1	48.	48.	48.	48.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/10/70-09/10/70	1	52.	52.	52.	52.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	09/10/70-09/10/70	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/10/70-09/10/70	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/10/70-09/10/70	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: YELL0111

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0111

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0112

NPS Station ID: YELL0112 LAT/LON: 44.333421/ 110.301003 Agency: 11NPSYSP Date Created: 05/24/86
Location: ALDER L.ON PROMONOTORY .25KM FORM E.SHORE S.ARM FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 111900000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 19 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001050 RF1 Mile Point: 3.440 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10070001007701.02 RF3 Mile Point: 1.01 Distance from RF3: 0.82 On/Off RF3:
Description:
ELEVATION (m)=2363.0 CAPACITY (m cubed)= 1817588 DRAINAGE AREA (ha)= 802.3 SURFACE AREA (ha)= 49.8
AVERAGE DEPTH (m)= 3.7 MAX DEPTH (m)= 6.1 NATIVE CUTTHROAT AND LONGNOSE SUCKERS; BOTH SPECIES SEEM TO BE THRIVING,
SOME UNOFFICIAL STOCKING MAY HAVE OCCURRED, LOW ANGLER USE=ALGAL BLOOMS.

Parameter Inventory for Station: YELL0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/76-07/29/76	1	22.9	22.9	22.9	22.9	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/29/76-07/29/76	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/29/76-07/29/76	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/29/76-07/29/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/29/76-07/29/76	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/29/76-07/29/76	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/29/76-07/29/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/29/76-07/29/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/29/76-07/29/76	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/29/76-07/29/76	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/29/76-07/29/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/29/76-07/29/76	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/29/76-07/29/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/29/76-07/29/76	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/29/76-07/29/76	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/29/76-07/29/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/29/76-07/29/76	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/29/76-07/29/76	1	0.67	0.67	0.67	0.67	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/29/76-07/29/76	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/29/76-07/29/76	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/29/76-07/29/76	1	18.2	18.2	18.2	18.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/29/76-07/29/76	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/29/76-07/29/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	07/29/76-07/29/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/29/76-07/29/76	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/29/76-07/29/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/29/76-07/29/76	1	1.62	1.62	1.62	1.62	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/29/76-07/29/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/29/76-07/29/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/29/76-07/29/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/29/76-07/29/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	07/29/76-07/29/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/29/76-07/29/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/29/76-07/29/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/29/76-07/29/76	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/29/76-07/29/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/29/76-07/29/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/29/76-07/29/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/29/76-07/29/76	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0112

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0113

NPS Station ID: YELL0113
LAT/LON: 44.334337/ 110.350642
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 1138 AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 113800000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.50
On/Off RF1:
RF3 Index: 10070001006903.82
RF3 Mile Point: 5.23
Distance from RF3: 0.30
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 283.52 STREAM LENGTH (km)= 3.1 % GRADIENT= .59
HIGHEST ELEVATION (m)=2377.4 LOWEST ELEVATION (m)=2359.1

Parameter Inventory for Station: YELL0113

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: YELL0114

NPS Station ID: YELL0114
LAT/LON: 44.334921/ 110.650254
Agency: 11NPSYSP
Date Created: 07/07/90
Location: STREAM 300419 AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 300419000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC N.W.
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 0.50
On/Off RF1:
RF3 Index: 17040101004300.38
RF3 Mile Point: 0.61
Distance from RF3: 0.04
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 393.79 STREAM LENGTH (km)= 5.2 % GRADIENT= 2.34
HIGHEST ELEVATION (m)=2511.6 LOWEST ELEVATION (m)=2389.6 INTRODUCED BROOK TROUT PRESENT.

Parameter Inventory for Station: YELL0114

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: YELL0115

NPS Station ID: YELL0115 LAT/LON: 44.350059/ 110.083642 Agency: 11NPSYSP Date Created: 05/24/86
Location: GLADE L. SE CORNER YNP AT BASE OF MT SHURZ FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 110700000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 13 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001106 RF1 Mile Point: 3.570 Distance from RF1: 1.60 On/Off RF1: OFF
RF3 Index: 10070001113100.00 RF3 Mile Point: 7.49 Distance from RF3: 0.27 On/Off RF3:
Description:
ELEVATION (m)= 2952 CAPACITY (m cubed)= 94446 DRAINAGE AREA (ha)= 129 SURFACE AREA (ha)= 3.5
AVERAGE DEPTH (m)= 2.7 MAX DEPTH (m)= 4.6 0 FISH; NO STOCKING , BAD HABITAT IN THIS NUTRIENT POOR NEAR-ALPINE LAKE
.

Parameter Inventory for Station: YELL0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/79-08/29/79	2	12.	12.	12.	12.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/29/79-08/29/79	2	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/29/79-08/29/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/29/79-08/29/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/29/79-08/29/79	2	22.	22.	22.	22.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/29/79-08/29/79	2	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/29/79-08/29/79	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/29/79-08/29/79	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/79-08/29/79	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/29/79-08/29/79	2	52.	52.	63.	41.	242.	15.556	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/29/79-08/29/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/29/79-08/29/79	2	11.	11.	12.	10.	2.	1.414	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/29/79-08/29/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/29/79-08/29/79	2	11.	11.	12.	10.	2.	1.414	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/29/79-08/29/79	2	13.5	13.5	15.	12.	4.5	2.121	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/29/79-08/29/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/29/79-08/29/79	2	24.	24.	24.	24.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/79-08/29/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/79-08/29/79	2	0.465	0.465	0.56	0.37	0.018	0.134	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/29/79-08/29/79	2	0.125	0.125	0.22	0.03	0.018	0.134	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/79-08/29/79	2	0.185	0.185	0.31	0.06	0.031	0.177	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/79-08/29/79	2	0.185	0.185	0.31	0.06	0.031	0.177	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/29/79-08/29/79	2	0.045	0.045	0.06	0.03	0.	0.021	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/29/79-08/29/79	2	0.14	0.14	0.22	0.06	0.013	0.113	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/29/79-08/29/79	2	4.1	4.1	5.3	2.9	2.88	1.697	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/29/79-08/29/79	2	9.5	9.5	10.	9.	0.5	0.707	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/29/79-08/29/79	2	2.	2.	2.4	1.6	0.32	0.566	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/29/79-08/29/79	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/29/79-08/29/79	2	1.1	1.1	1.5	0.7	0.32	0.566	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/29/79-08/29/79	2	1.25	1.25	1.8	0.7	0.605	0.778	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/29/79-08/29/79	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**	**

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

Parameter Inventory for Station: YELL0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/79-08/29/79	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/29/79-08/29/79	2	9.5	9.5	10.	9.	0.5	0.707	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/29/79-08/29/79	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/29/79-08/29/79	2	4.8	4.8	6.5	3.1	5.78	2.404	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/29/79-08/29/79	2	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/29/79-08/29/79	2	-0.55	-0.55	14.	-15.1	423.405	20.577	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/29/79-08/29/79	2	0.17	0.17	0.28	0.06	0.024	0.156	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/29/79-08/29/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/29/79-08/29/79	2	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/29/79-08/29/79	2	0.215	0.215	0.33	0.1	0.026	0.163	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/29/79-08/29/79	2	9.15	9.15	9.8	8.5	0.845	0.919	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0115

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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	0	0.00										2	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	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
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00										2	2	1.00
		Drinking Water	1300.	2	0	0.00										2	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00										2	0	0.00

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

Station Inventory for Station: YELL0116

NPS Station ID: YELL0116 LAT/LON: 44.350226/ 110.333476 Agency: 11NPSYSP Date Created: 05/24/86
Location: YELLOWSTONE LAKE SOUTH ARM OLI STATION #1 FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100000000000081
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 157 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001048 RF1 Mile Point: 27.010 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10070001017600.16 RF3 Mile Point: 0.15 Distance from RF3: 1.64 On/Off RF3:
Description:
ELEVATION (m)= 2357 CAPACITY (m cubed)= 1.4 E10 DRAINAGE AREA (ha)= 261590 SURFACE AREA (ha)= 35400
AVERAGE DEPTH (m)=42.4 MAX DEPTH (m)=48.77 NATIVE CUTTHROAT AND LONGNOSE DACE, INTRODUCED LONGNOSE SUCKERS, REDSIDE SHINERS AND LAKE CHUB.

Parameter Inventory for Station: YELL0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/76-10/07/76	2	10.6	10.6	11.7	9.5	2.42	1.556	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/19/76-10/07/76	2	9.25	9.25	12.1	6.4	16.245	4.031	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/19/76-10/07/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/19/76-10/07/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/07/76-10/07/76	1	85.	85.	85.	85.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/19/76-10/07/76	2	7.45	7.45	7.8	7.1	0.245	0.495	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/19/76-10/07/76	2	7.322	7.322	7.8	7.1	0.278	0.527	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/76-10/07/76	2	0.048	0.048	0.079	0.016	0.002	0.045	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/19/76-10/07/76	2	3.	3.	3.9	2.1	1.62	1.273	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/19/76-10/07/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/19/76-10/07/76	2	34.	34.	36.	32.	8.	2.828	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/19/76-10/07/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/19/76-10/07/76	2	34.	34.	36.	32.	8.	2.828	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/19/76-10/07/76	2	41.5	41.5	44.	39.	12.5	3.536	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/19/76-10/07/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/76-10/07/76	2	73.	73.	79.	67.	72.	8.485	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/76-10/07/76	2	0.32	0.32	0.54	0.1	0.097	0.311	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/19/76-10/07/76	2	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/76-10/07/76	2	0.09	0.09	0.1	0.08	0.	0.014	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/76-10/07/76	2	3.8	3.8	5.2	2.4	3.92	1.98	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/76-10/07/76	2	24.	24.	26.	22.	8.	2.828	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/19/76-10/07/76	2	5.6	5.6	6.4	4.8	1.28	1.131	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	07/19/76-10/07/76	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/19/76-10/07/76	2	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/19/76-10/07/76	2	9.45	9.45	9.9	9.	0.405	0.636	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/19/76-10/07/76	2	1.68	1.68	1.84	1.52	0.051	0.226	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/19/76-10/07/76	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/76-10/07/76	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/19/76-10/07/76	2	0.35	0.35	0.65	0.05	0.18	0.424	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/76-10/07/76	2	4.65	4.65	4.8	4.5	0.045	0.212	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/19/76-10/07/76	2	10.	10.	10.	10.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	07/19/76-10/07/76	2	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/19/76-10/07/76	2	11.3	11.3	11.3	11.3	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/19/76-10/07/76	2	0.09	0.09	0.1	0.08	0.	0.014	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/19/76-10/07/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/19/76-10/07/76	2	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/19/76-10/07/76	2	0.08	0.08	0.1	0.06	0.001	0.028	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/19/76-10/07/76	2	1.05	1.05	1.6	0.5	0.605	0.778	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0116

				Total	Exceed	Prop.	11/01-4/15			4/16-6/15			6/16-8/15			8/16-10/31		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	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
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00							1	0	0.00	1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00							1	1	1.00	1	1	1.00
		Drinking Water	1300.	2	0	0.00							1	0	0.00	1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00							1	0	0.00	1	0	0.00

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

Station Inventory for Station: YELL0117

NPS Station ID: YELL0117
LAT/LON: 44.350560/ 110.650866
Agency: 11NPSYSP
Date Created: 07/07/90
Location: SUMMIT CREEK AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 300402000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: UPPER SNAKE
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 2.50
On/Off RF1:
RF3 Index: 17040101044800.00
RF3 Mile Point: 0.48
Distance from RF3: 0.35
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1653.93 STREAM LENGTH (km)= 9.2 % GRADIENT=1.86
HIGHEST ELEVATION (m)=2560.3 LOWEST ELEVATION (m)=2389.6 INTRODUCED BROWN TROUT

Parameter Inventory for Station: YELL0117

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: YELL0118

NPS Station ID: YELL0118
LAT/LON: 44.351003/ 110.434892
Agency: 11NPSYSP
Date Created: 07/07/90
Location: FLAT MTN. CREEK AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 115500000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 2.20
On/Off RF1:
RF3 Index: 10070001006901.59
RF3 Mile Point: 1.61
Distance from RF3: 0.13
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 913.6 STREAM LENGTH (km)= 2.6 % GRADIENT= 30.01
HIGHEST ELEVATION (m)=2755.4 LOWEST ELEVATION (m)=2365.3

Parameter Inventory for Station: YELL0118

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: YELL0119

NPS Station ID: YELL0119
LAT/LON: 44.351003/ 110.450032
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 1155 AT MOUTH TIP OF FLAT MT. ARM #106
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 115500000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 10.40
On/Off RF1:
RF3 Index: 10070001006201.07
RF3 Mile Point: 1.06
Distance from RF3: 0.95
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 732.42 STREAM LENGTH (km)= 2.6 % GRADIENT= 15.94
HIGHEST ELEVATION (m)=2779.8 LOWEST ELEVATION (m)=2365.2 NEAR CAMPSITE 7L4

Parameter Inventory for Station: YELL0119

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: YELL0120

NPS Station ID: YELL0120 LAT/LON: 44.351227/ 110.534810 Agency: 11NPSYSP Date Created: 05/24/86
Location: RIDDLE L. 4KM S. OF WEST THUMB S.CENTRAL YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 116300000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 26 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10070001087900.00 RF3 Mile Point: 2.00 Distance from RF3: 0.50 On/Off RF3:
Description:
ELEVATION (m)=2411.9 CAPACITY (m cubed)= 2636244 DRAINAGE AREA (ha)= 754 SURFACE AREA (ha)= 111.6
AVERAGE DEPTH (m)= 2.4 MAX DEPTH (m)= 8.2 NATIVE CUTTHROAT AND LONGNOSE SUCKERS; DENSITY OF LONGNOSE SUCKERS IS IN
CREASING WHILE CUTTHROAT NUMBERS ARE DECREASING.

Parameter Inventory for Station: YELL0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/74-08/07/84	4	16.05	14.55	19.4	6.7	33.257	5.767	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/27/74-07/27/74	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/74-08/07/84	6	19.5	16.5	30.	0.	221.5	14.883	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/27/74-08/07/84	6	0.	0.167	1.	0.	0.167	0.408	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/74-08/07/84	5	30.	29.2	40.	21.	50.7	7.12	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/02/81-09/08/83	2	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/74-08/07/84	5	6.75	6.71	6.8	6.5	0.014	0.119	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/74-08/07/84	5	6.75	6.695	6.8	6.5	0.015	0.12	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/74-08/07/84	5	0.178	0.202	0.316	0.158	0.004	0.065	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/74-08/07/84	6	5.75	62.25	277.	2.4	11992.679	109.511	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/27/74-08/07/84	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/27/74-08/07/84	6	11.	13.	27.	8.	49.6	7.043	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/27/74-08/07/84	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/27/74-08/07/84	6	11.	13.	27.	8.	49.6	7.043	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/74-08/07/84	6	13.5	16.	33.	10.	73.6	8.579	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/27/74-08/07/84	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/27/74-08/07/84	6	21.5	21.167	34.	12.	66.967	8.183	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/27/74-09/08/83	4	0.64	0.694	1.1	0.395	0.113	0.337	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/27/74-09/08/83	4	0.04	0.045	0.08	0.02	0.001	0.03	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/27/74-09/02/81	3	0.12	0.96	2.7	0.06	2.272	1.507	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/16/79-08/07/84	4	0.075	0.123	0.31	0.03	0.016	0.127	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	10/16/79-08/07/84	4	0.045	2.055	8.1	0.03	16.241	4.03	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/16/79-09/08/83	3	0.06	0.06	0.09	0.03	0.001	0.03	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/27/74-08/07/84	5	8.1	6.88	9.4	1.	11.387	3.374	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/74-08/07/84	6	11.5	13.333	24.	7.	44.667	6.683	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/27/74-08/07/84	6	2.4	2.9	4.8	1.	2.428	1.558	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	07/27/74-08/07/84	6	4.1	6.033	12.	2.	22.243	4.716	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/27/74-08/07/84	6	1.	1.467	2.9	0.5	1.283	1.133	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/27/74-08/07/84	6	1.85	1.887	3.	0.6	1.099	1.048	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/27/74-08/07/84	5	0.96	0.754	1.1	0.07	0.176	0.419	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/74-08/07/84	6	1.	0.833	1.	0.	0.167	0.408	**	**	**	**

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

Parameter Inventory for Station: YELL0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/74-08/07/84	6	5.5	6.667	15.	1.	29.067	5.391	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/27/74-08/07/84	6	0.1	0.192	0.59	0.04	0.046	0.214	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/74-08/07/84	6	0.3	0.583	2.	0.1	0.53	0.728	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/27/74-08/07/84	6	20.	41.667	100.	0.	2136.667	46.224	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/27/74-08/07/84	6	13.15	13.25	14.4	12.	0.759	0.871	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/27/74-08/07/84	5	0.06	0.063	0.09	0.03	0.001	0.027	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/27/74-08/07/84	6	0.	0.	0.	0.	0.	0.	**	**	**	**
71875	HYDROGEN SULFIDE (MG/L)	08/07/84-08/07/84	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/27/74-08/07/84	6	50.	41.667	50.	0.	416.667	20.412	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/27/74-08/07/84	6	0.22	0.197	0.29	0.04	0.008	0.091	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/24/79-08/07/84	5	0.7	1.04	2.1	0.3	0.508	0.713	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0120

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------11/01-4/15---------- Obs	Exceed	Prop.	----------4/16-6/15---------- Obs	Exceed	Prop.	----------6/16-8/15---------- Obs	Exceed	Prop.	----------8/16-10/31---------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	0	0.00										2	0	0.00
00400	PH	Other-Hi Lim.	9.	5	0	0.00							2	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	5	1	0.20							2	1	0.50	3	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00							1	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00							2	0	0.00	4	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00							2	0	0.00	4	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	6	3	0.50							2	0	0.00	4	3	0.75
		Drinking Water	1300.	6	0	0.00							2	0	0.00	4	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	5	0	0.00							1	0	0.00	4	0	0.00

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

Station Inventory for Station: YELL0121

NPS Station ID: YELL0121 LAT/LON: 44.351282/ 110.734892 Agency: 11NPSYSP Date Created: 05/24/86
Location: SHOSHONE L. S.CENTRAL YNP 2CND LARGEST LAKE YNP FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 300400000000054
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 203 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040101 RF1 Mile Point: 0.000 Distance from RF1: 4.30 On/Off RF1:
RF3 Index: 17040101004300.38 RF3 Mile Point: 0.79 Distance from RF3: 0.48 On/Off RF3:
Description:
ELEVATION (m)= 2375 CAPACITY (m cubed)= 302016600 DRAINAGE AREA (ha)= 21463.3 SURFACE AREA (ha)= 3258
AVERAGE DEPTH (m)=9.27 MAX DEPTH (m)= 62.5 INTRODUCED BROOK, BROWN, CUTTHROAT,LAKE TROUT, AND UTAH CHUB; ORIGNALLY BARREN BUT LAKE AND BROWN TROUT WERE INTRODUCED IN 1890'S OTHERS EMIGRAT

Parameter Inventory for Station: YELL0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/06/79-08/23/82	8	15.35	15.125	18.3	10.	7.022	2.65	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/06/79-08/23/82	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/06/79-08/23/82	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/06/79-08/04/82	6	76.	74.167	96.	50.	223.367	14.945	**	**	**	**
00400	PH (STANDARD UNITS)	09/06/79-08/23/82	7	7.3	7.329	7.4	7.2	0.006	0.076	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/06/79-08/23/82	7	7.3	7.323	7.4	7.2	0.006	0.076	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/79-08/23/82	7	0.05	0.048	0.063	0.04	0.	0.009	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/06/79-08/23/82	8	7.35	7.663	21.	1.	44.02	6.635	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/06/79-08/23/82	8	0.	3.	24.	0.	72.	8.485	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/06/79-08/23/82	8	28.	26.75	33.	16.	29.643	5.445	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/06/79-08/23/82	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/06/79-08/23/82	8	28.	26.75	33.	16.	29.643	5.445	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/06/79-08/23/82	8	34.	32.375	40.	19.	45.411	6.739	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/06/79-08/23/82	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/06/79-08/23/82	8	63.5	64.5	83.	46.	117.143	10.823	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/06/79-08/23/82	8	0.215	0.215	0.42	0.06	0.017	0.131	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/06/79-08/23/82	8	0.02	0.018	0.02	0.01	0.	0.005	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/06/79-08/24/81	5	0.31	0.328	0.65	0.09	0.062	0.248	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/06/79-08/23/82	8	0.14	0.244	0.65	0.06	0.046	0.215	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	09/06/79-08/23/82	8	0.03	0.05	0.16	0.03	0.002	0.046	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/06/79-08/23/82	8	0.125	0.144	0.34	0.03	0.011	0.107	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/06/79-08/23/82	8	2.5	3.075	5.8	0.8	3.911	1.978	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/06/79-08/23/82	8	17.	16.625	24.	9.	21.411	4.627	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/06/79-08/23/82	8	4.6	4.85	8.4	2.4	3.997	1.999	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	09/06/79-08/23/82	8	3.5	4.725	8.8	1.	7.976	2.824	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/06/79-08/23/82	8	0.95	1.2	2.	0.7	0.323	0.568	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/06/79-08/23/82	8	12.5	12.	14.	9.	2.857	1.69	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/06/79-08/23/82	8	2.8	2.803	3.16	2.4	0.081	0.284	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/06/79-08/23/82	8	8.	10.	20.	6.	21.714	4.66	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/06/79-08/23/82	8	2.5	3.	8.	1.	4.571	2.138	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/06/79-08/23/82	8	2.65	2.781	3.7	2.2	0.321	0.567	**	**	**	**

** - Less than 9 observations ## - 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: YELL0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/79-08/23/82	8	12.25	16.963	41.	2.2	198.254	14.08	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/06/79-09/06/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/06/79-08/23/82	8	100.	103.75	300.	10.	10598.214	102.948	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/06/79-08/23/82	8	11.8	11.638	12.4	10.6	0.32	0.566	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/06/79-08/23/82	8	0.125	0.174	0.4	0.06	0.017	0.132	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/06/79-08/23/82	8	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/06/79-08/23/82	8	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/06/79-08/23/82	8	0.04	0.036	0.07	0.01	0.	0.022	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/06/79-08/23/82	8	0.25	0.263	0.4	0.2	0.006	0.074	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0121

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	7	0	0.00							4	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00							4	0	0.00	3	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00							5	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00							5	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	8	0	0.00							5	0	0.00	3	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	8	5	0.63							5	3	0.60	3	2	0.67
		Drinking Water	1300.	8	0	0.00							5	0	0.00	3	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	8	0	0.00							5	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: YELL0122

NPS Station ID: YELL0122
LAT/LON: 44.360003/ 110.663060
Agency: 112WRD
Date Created: / /
Location: SHOSHONE LAKE, YNP, WY
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 13008400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17040101047
RF1 Mile Point: 0.100
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001006200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/71-10/15/71	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/71-10/15/71	1	86.	86.	86.	86.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/71-10/15/71	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/71-10/15/71	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/71-10/15/71	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/15/71-10/15/71	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/71-10/15/71	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/15/71-10/15/71	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/15/71-10/15/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/15/71-10/15/71	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/71-10/15/71	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/15/71-10/15/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/71-10/15/71	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/71-10/15/71	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/71-10/15/71	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/15/71-10/15/71	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/15/71-10/15/71	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/71-10/15/71	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/15/71-10/15/71	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/15/71-10/15/71	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/15/71-10/15/71	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/15/71-10/15/71	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/15/71-10/15/71	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/15/71-10/15/71	1	20.	20.	20.	20.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/15/71-10/15/71	1	83.	83.	83.	83.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/15/71-10/15/71	1	0.11	0.11	0.11	0.11	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: YELL0122

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

& - 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: YELL0122

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0123

NPS Station ID: YELL0123
LAT/LON: 44.366893/ 110.401365
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 1150 AT MOUTH S. SIDE OF FLAT MT. ARM
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 115000000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 4.20
On/Off RF1:
RF3 Index: 10070001006901.59
RF3 Mile Point: 1.69
Distance from RF3: 0.42
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 31.5 STREAM LENGTH (km)= .2 % GRADIENT= 12.9
HIGHEST ELEVATION (m)=2389.6 LOWEST ELEVATION (m)=2365.2

Parameter Inventory for Station: YELL0123

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: YELL0124

NPS Station ID: YELL0124
LAT/LON: 44.367337/ 110.383615
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 1141 AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 114100000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 10070001006903.82
RF3 Mile Point: 3.97
Distance from RF3: 0.22
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 271.7 STREAM LENGTH (km)= 2.1 % GRADIENT= 4.35
HIGHEST ELEVATION (m)=2450.6 LOWEST ELEVATION (m)=2359.1

Parameter Inventory for Station: YELL0124

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: YELL0125

NPS Station ID: YELL0125
LAT/LON: 44.367560/ 110.284810
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 1118 AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 111800000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 5.70
On/Off RF1:
RF3 Index: 10070001008000.00
RF3 Mile Point: 1.05
Distance from RF3: 0.49
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 287.5 STREAM LENGTH (km)= 3.5 % GRADIENT= 3.48
HIGHEST ELEVATION (m)=2487.2 LOWEST ELEVATION (m)=2365.3

Parameter Inventory for Station: YELL0125

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: YELL0126

NPS Station ID: YELL0126 LAT/LON: 44.368031/ 110.551059 Agency: 11NPSYSP Date Created: 05/24/86
Location: DUCK L. .5 MILES NW OF W.THUMB NEAR ELEPHANTB.MT FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 117200000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 59 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10070001105800.13 RF3 Mile Point: 0.59 Distance from RF3: 0.28 On/Off RF3:
Description:
ELEVATION (m)= 2374 CAPACITY (m cubed)= 1004167 DRAINAGE AREA (ha)= 48 SURFACE AREA (ha)= 15
AVERAGE DEPTH (m)= 6.7 MAX DEPTH (m)= 18.3 0 FISH; LONG HISTORY OF STOCKING BROWN TROUT, BUT IN 1967 THEY WERE REMO
VED TO PREVENT INTRODUCTION INTO YELLOWSTONE LAKE.

Parameter Inventory for Station: YELL0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/79-08/15/79	1	19.5	19.5	19.5	19.5	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/15/79-08/15/79	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/15/79-08/15/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/15/79-08/15/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/15/79-08/15/79	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/15/79-08/15/79	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/15/79-08/15/79	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/15/79-08/15/79	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/15/79-08/15/79	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/15/79-08/15/79	1	159.	159.	159.	159.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/15/79-08/15/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/15/79-08/15/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/15/79-08/15/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/15/79-08/15/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/15/79-08/15/79	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/15/79-08/15/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/15/79-08/15/79	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/15/79-08/15/79	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/15/79-08/15/79	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/79-08/15/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/15/79-08/15/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/15/79-08/15/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/79-08/15/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/15/79-08/15/79	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/15/79-08/15/79	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/15/79-08/15/79	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/15/79-08/15/79	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/15/79-08/15/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/15/79-08/15/79	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/15/79-08/15/79	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/15/79-08/15/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	08/15/79-08/15/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/15/79-08/15/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/15/79-08/15/79	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/15/79-08/15/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/15/79-08/15/79	1	13.6	13.6	13.6	13.6	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/15/79-08/15/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/15/79-08/15/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/15/79-08/15/79	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/15/79-08/15/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/15/79-08/15/79	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0126

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0127

NPS Station ID: YELL0127
LAT/LON: 44.373615/ 110.452781
Agency: 12WLS1
Date Created: 09/03/88
Location: (NO NAME)
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4D3-019
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 19
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.50
On/Off RF1:
RF3 Index: 17040203002600.00
RF3 Mile Point: 0.60
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0127

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	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/85-09/24/85	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/24/85-09/24/85	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/85-09/24/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/24/85-09/24/85	1	0.296	0.296	0.296	0.296	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	138.6	138.6	138.6	138.6	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/24/85-09/24/85	1	13.4	13.4	13.4	13.4	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/85-09/24/85	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/24/85-09/24/85	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/24/85-09/24/85	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/85-09/24/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/85-09/24/85	1	0.89	0.89	0.89	0.89	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/85-09/24/85	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/24/85-09/24/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/85-09/24/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/85-09/24/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/85-09/24/85	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-09/24/85	1	31.	31.	31.	31.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/24/85-09/24/85	1	0.208	0.208	0.208	0.208	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	113.	113.	113.	113.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/24/85-09/24/85	1	7850.79	7850.79	7850.79	7850.79	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/24/85-09/24/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/24/85-09/24/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0127

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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: YELL0127

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0128

NPS Station ID: YELL0128 LAT/LON: 44.384809/ 110.500143 Agency: 11NPSYSP Date Created: 07/07/90
Location: SOLUTION CREEK .8 KM UP STREAM FROM MOUTH FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 116300000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 12.80 On/Off RF1:
RF3 Index: 10070001006201.07 RF3 Mile Point: 1.06 Distance from RF3: 0.63 On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 2914.1 STREAM LENGTH (km)=9.8 % GRADIENT= .5
HIGHEST ELEVATION (m)=2414 LOWEST ELEVATION (m)=2365.2 NATIVE CUTTHROAT

Parameter Inventory for Station: YELL0128

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: YELL0129

NPS Station ID: YELL0129 LAT/LON: 44.384892/ 110.733616 Agency: 11NPSYSP Date Created: 05/24/86
Location: POCKET L. SW YNP 1.9 KM W. OF SHOSHONE LAKE FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 300400000000055
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101 Depth of Water: 22 Aquifer:
Major Basin: PACIFIC NW Elevation: 0 Water Body Id:
Minor Basin: UPPER SNAKE ECO Region:
RF1 Index: 17040101 RF1 Mile Point: 0.000 Distance from RF1: 2.60 On/Off RF1:
RF3 Index: 17040101050108.15 RF3 Mile Point: 8.87 Distance from RF3: 0.37 On/Off RF3:
Description:
ELEVATION (m)=2468.9 CAPACITY (m cubed)= 187501 DRAINAGE AREA (ha)= 33 SURFACE AREA (ha)= 5.7
AVERAGE DEPTH (m)= 3.6 MAX DEPTH (m)= 7.3 INTRODUCED CUTTHROAT;ORIGINALLY FISHLESS DUE TO OUTLET BARRIER,BROOK TRO
UT WER INTRODUCED, THEN 1977 & 78 REHABILITATED WITH CUTTHROAT.

Parameter Inventory for Station: YELL0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/83-08/04/83	1	17.8	17.8	17.8	17.8	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/04/83-08/04/83	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/04/83-08/04/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/04/83-08/04/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/83-08/04/83	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/04/83-08/04/83	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/04/83-08/04/83	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/83-08/04/83	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/04/83-08/04/83	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/04/83-08/04/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/04/83-08/04/83	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/04/83-08/04/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/04/83-08/04/83	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/04/83-08/04/83	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/04/83-08/04/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/04/83-08/04/83	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/83-08/04/83	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/04/83-08/04/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/04/83-08/04/83	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/04/83-08/04/83	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/04/83	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/83-08/04/83	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/83-08/04/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/04/83-08/04/83	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/04/83-08/04/83	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/83-08/04/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/04/83-08/04/83	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/83-08/04/83	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/83-08/04/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/83-08/04/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/04/83-08/04/83	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

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Parameter Inventory for Station: YELL0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/83-08/04/83	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/04/83-08/04/83	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/04/83-08/04/83	1	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/83-08/04/83	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/04/83-08/04/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71875	HYDROGEN SULFIDE (MG/L)	08/04/83-08/04/83	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/04/83-08/04/83	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/04/83-08/04/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/04/83-08/04/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: YELL0129

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0130

NPS Station ID: YELL0130
Location: SPR NR GV LG YNP
Station Type: /TYPA/AMBNT/SPRING
RMI-Indexes:
RMI-Miles:
HUC: 10020007
Major Basin:
Minor Basin:
RF1 Index: 10020007
RF3 Index: 10070001006102.34
Description:

LAT/LON: 44.388338/ 110.531949
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 2.33

Agency: 112WRD
FIPS State/County: 56039 WYOMING/TETON
STORET Station ID(s): 442318110315501
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 2.70
Distance from RF3: 0.20

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

Parameter Inventory for Station: YELL0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/74-10/28/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/28/74-10/28/74	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/28/74-10/28/74	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/28/74-10/28/74	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/28/74-10/28/74	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/28/74-10/28/74	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/28/74-10/28/74	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/28/74-10/28/74	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/28/74-10/28/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/28/74-10/28/74	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/28/74-10/28/74	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/28/74-10/28/74	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/28/74-10/28/74	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/28/74-10/28/74	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/28/74-10/28/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/28/74-10/28/74	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/28/74-10/28/74	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/28/74-10/28/74	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/28/74-10/28/74	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/28/74-10/28/74	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/28/74-10/28/74	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/28/74-10/28/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/28/74-10/28/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/28/74-10/28/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/28/74-10/28/74	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/28/74-10/28/74	1	50.	50.	50.	50.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/28/74-10/28/74	1	58.	58.	58.	58.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/28/74-10/28/74	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: YELL0130

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0130

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0131

NPS Station ID: YELL0131
LAT/LON: 44.390837/ 110.256948
Agency: 112WRD
Date Created: / /
Location: S E ARM YELLOWSTONE LAKE
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06185850
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001078
RF1 Mile Point: 0.600
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10020007007900.00
RF3 Mile Point: 6.24
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/70-09/10/70	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/10/70-09/10/70	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/10/70-09/10/70	1	91.	91.	91.	91.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/10/70-09/10/70	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/10/70-09/10/70	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/70-09/10/70	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/10/70-09/10/70	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/10/70-09/10/70	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/10/70-09/10/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/10/70-09/10/70	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/10/70-09/10/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/70-09/10/70	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/70-09/10/70	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/10/70-09/10/70	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/10/70-09/10/70	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/10/70-09/10/70	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/70-09/10/70	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/70-09/10/70	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/70-09/10/70	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/70-09/10/70	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/70-09/10/70	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/10/70-09/10/70	1	90.	90.	90.	90.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/10/70-09/10/70	1	60.	60.	60.	60.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/10/70-09/10/70	1	58.	58.	58.	58.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/10/70-09/10/70	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/10/70-09/10/70	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: YELL0131

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00

& - 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: YELL0131

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0132

NPS Station ID: YELL0132
LAT/LON: 44.400031/ 110.234753
Agency: 11NPSYSP
Date Created: 07/07/90
Location: COLUMBINE CR. AT TRAIL CROSSING
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 109900000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 2.90
On/Off RF1:
RF3 Index: 10070001113100.00
RF3 Mile Point: 5.63
Distance from RF3: 0.10
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 4441.99 STREAM LENGTH (km)= 9.98 % GRADIENT= 3.91
HIGHEST ELEVATION (m)=2755.4 LOWEST ELEVATION (m)=2365.3 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0132

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: YELL0133

NPS Station ID: YELL0133 LAT/LON: 44.401642/ 110.933727 Agency: 11NPSYSP Date Created: 05/24/86
Location: SUMMIT L. 12KM SW FROM BISQUIT BASIN SW YNP FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 201800000000075
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 19 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10020007170900.00 RF3 Mile Point: 2.60 Distance from RF3: 0.02 On/Off RF3:
Description:
ELEVATION (m)= 2607 CAPACITY (m cubed)= 282672 DRAINAGE AREA (ha)= 164 SURFACE AREA (ha)= 11.5
AVERAGE DEPTH (m)= 2.5 MAX DEPTH (m)= 6.4 0 FISH NO STOCKING RECORDS, HISTORICALLY BARREN OLIGOTROPHIC LAKE

Parameter Inventory for Station: YELL0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/77-08/30/77	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/30/77-08/30/77	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/30/77-08/30/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/30/77-08/30/77	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/30/77-08/30/77	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/30/77-08/30/77	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/77-08/30/77	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/77-08/30/77	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/30/77-08/30/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/30/77-08/30/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/77-08/30/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/30/77-08/30/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/77-08/30/77	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/30/77-08/30/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/30/77-08/30/77	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/77-08/30/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/30/77-08/30/77	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/30/77-08/30/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/30/77-08/30/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/30/77-08/30/77	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/30/77-08/30/77	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/30/77-08/30/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/30/77-08/30/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/30/77-08/30/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/77-08/30/77	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/30/77-08/30/77	1	17.2	17.2	17.2	17.2	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/30/77-08/30/77	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

Parameter Inventory for Station: YELL0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71830	HYDROXIDE ION (MG/L AS OH)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/30/77-08/30/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/30/77-08/30/77	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/30/77-08/30/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0133

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0134

NPS Station ID: YELL0134
LAT/LON: 44.418059/ 110.751643
Agency: 11NPSYSP
Date Created: 05/24/86
Location: SCAUP L. 5.8KM SE OF OLD FAITHFUL YNP
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 201800000000079
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 6
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 2.60
On/Off RF1:
RF3 Index: 17040203028200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.08
On/Off RF3:
Description:
ELEVATION (m)= 2420 CAPACITY (m cubed)= 36515 DRAINAGE AREA (ha)= 125 SURFACE AREA (ha)= .930
AVERAGE DEPTH (m)= 1.6 MAX DEPTH (m)= 2.7 0 FISH; NO STOCKING RECORDS, BARREN DUE TO STREAM BARRIERS,SUITABLE HABI
TAT FOR THREATENED SPECIES.

Parameter Inventory for Station: YELL0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/80-08/22/80	1	12.8	12.8	12.8	12.8	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/22/80-08/22/80	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/80-08/22/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/22/80-08/22/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/22/80-08/22/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/22/80-08/22/80	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/80-08/22/80	1	6.75	6.75	6.75	6.75	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/80-08/22/80	1	6.75	6.75	6.75	6.75	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/80-08/22/80	1	0.178	0.178	0.178	0.178	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/22/80-08/22/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/22/80-08/22/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/22/80-08/22/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/22/80-08/22/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/22/80-08/22/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/22/80-08/22/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/22/80-08/22/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/22/80-08/22/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/22/80-08/22/80	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/22/80-08/22/80	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/22/80-08/22/80	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/80-08/22/80	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/22/80-08/22/80	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/80-08/22/80	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/22/80-08/22/80	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/80-08/22/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/22/80-08/22/80	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/22/80-08/22/80	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/22/80-08/22/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/22/80-08/22/80	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/22/80-08/22/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/80-08/22/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/80-08/22/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/22/80-08/22/80	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/80-08/22/80	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/22/80-08/22/80	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/22/80-08/22/80	1	14.8	14.8	14.8	14.8	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/22/80-08/22/80	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/22/80-08/22/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/22/80-08/22/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/22/80-08/22/80	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/22/80-08/22/80	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0134

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0135

NPS Station ID: YELL0135 LAT/LON: 44.433420/ 110.533504 Agency: 11NPSYSP Date Created: 05/24/86
Location: YELLOWSTONE L. WEST THUMB OLI SAMPLE SITE FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100000000000071
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 298 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001047 RF1 Mile Point: 2.180 Distance from RF1: 4.10 On/Off RF1: ON
RF3 Index: 10070001030600.00 RF3 Mile Point: 2.34 Distance from RF3: 0.66 On/Off RF3:
Description:
ELEVATION (m)= 2357 CAPACITY (m cubed)= 1.4 E10 DRAINAGE AREA (ha)= 261590 SURFACE AREA (ha)= 35400
AVERAGE DEPTH (m)=42.4 MAX DEPTH (m)= 91.4 NATIVE CUTTHROAT,AND LONGNOSE DACE, INTORDUCED LONGNOSE SUCKER, REDSIDE SHINERS, AND LAKE CHUB.

Parameter Inventory for Station: YELL0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/78-09/27/84	22	10.25	10.205	17.	3.	15.499	3.937	3.6	7.6	13.625	15.7
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/24/78-09/27/84	22	9.825	9.745	13.7	6.7	3.559	1.887	7.403	7.89	10.993	12.664
00080	COLOR (PLATINUM-COBALT UNITS)	05/24/78-09/27/84	22	0.	0.091	2.	0.	0.182	0.426	0.	0.	0.	0.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	05/24/78-09/27/84	22	0.	0.045	1.	0.	0.045	0.213	0.	0.	0.	0.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/78-09/27/84	22	80.5	82.864	100.	75.	52.6	7.253	75.3	77.75	86.25	95.
00400	PH (STANDARD UNITS)	05/24/78-09/27/84	19	7.2	7.295	7.6	7.1	0.016	0.127	7.2	7.2	7.4	7.4
00400	CONVERTED PH (STANDARD UNITS)	05/24/78-09/27/84	19	7.2	7.278	7.6	7.1	0.016	0.128	7.2	7.2	7.4	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/78-09/27/84	19	0.063	0.053	0.079	0.025	0.	0.014	0.04	0.04	0.063	0.063
00405	CARBON DIOXIDE (MG/L AS CO2)	05/24/78-09/27/84	21	5.1	10.105	37.	0.1	110.982	10.535	1.56	2.2	16.2	28.8
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/24/78-09/27/84	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	21	32.	31.238	42.	20.	36.79	6.066	20.8	27.	36.	39.4
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	05/24/78-09/27/84	21	32.	31.238	42.	20.	36.79	6.066	20.8	27.	36.	39.4
00440	BICARBONATE ION (MG/L AS HCO3)	05/24/78-09/27/84	21	39.	38.	51.	24.	56.1	7.49	25.	33.	44.	48.2
00445	CARBONATE ION (MG/L AS CO3)	05/24/78-09/27/84	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/78-09/27/84	21	68.	66.714	85.	52.	52.714	7.26	56.	60.5	70.	74.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/24/78-09/27/82	21	0.17	0.22	0.73	0.01	0.037	0.193	0.026	0.08	0.315	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/24/78-09/27/82	21	0.02	0.03	0.14	0.01	0.001	0.03	0.01	0.01	0.045	0.058
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/24/78-10/01/81	16	0.19	0.198	0.62	0.06	0.019	0.139	0.06	0.075	0.25	0.403
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/27/84	22	0.09	0.108	0.22	0.02	0.004	0.061	0.033	0.06	0.16	0.211
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/27/84	22	0.06	0.09	0.46	0.01	0.01	0.102	0.023	0.03	0.153	0.211
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/24/78-09/27/82	20	0.08	0.087	0.22	0.02	0.003	0.054	0.03	0.053	0.115	0.187
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/24/78-09/27/84	22	2.85	5.623	38.	0.2	66.745	8.17	0.59	2.075	5.975	14.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/78-09/27/84	22	24.	25.636	36.	14.	28.623	5.35	16.5	23.75	30.	32.
00916	CALCIUM, TOTAL (MG/L AS CA)	05/24/78-09/27/84	22	7.2	7.014	9.6	4.	2.863	1.692	4.24	5.5	8.1	9.48
00920	MAGNESIUM (MG/L AS CACO3)	05/24/78-09/27/84	22	7.5	8.105	20.	4.	20.336	4.51	4.	4.	10.075	16.9
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/24/78-09/27/84	22	1.9	2.014	4.9	1.	1.142	1.069	1.	1.15	2.425	4.09
00929	SODIUM, TOTAL (MG/L AS NA)	05/24/78-09/27/84	22	9.635	9.908	17.	8.1	3.043	1.745	8.26	9.2	10.	11.
00937	POTASSIUM, TOTAL MG/L AS K)	05/24/78-09/27/84	22	1.8	1.74	3.6	0.18	0.436	0.66	0.713	1.525	2.02	2.24
00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/78-09/27/84	21	6.	5.19	12.	1.	6.062	2.462	1.2	4.	6.	7.8
00945	SULFATE, TOTAL (MG/L AS SO4)	05/24/78-09/27/84	21	10.	9.667	18.	6.	7.033	2.652	7.	7.5	11.	12.6

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

Parameter Inventory for Station: YELL0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00951	FLUORIDE, TOTAL (MG/L AS F)	05/24/78-09/27/84	21	0.64	0.654	0.83	0.44	0.008	0.09	0.582	0.6	0.7	0.816
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/24/78-09/27/84	22	8.4	8.145	19.	0.9	21.367	4.622	2.79	4.45	11.25	15.1
01042	COPPER, TOTAL (UG/L AS CU)	05/24/78-09/27/84	22	100.	94.545	300.	10.	4987.879	70.625	10.	25.	100.	200.
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	05/24/78-09/27/84	21	11.1	11.043	11.8	9.7	0.248	0.498	10.5	10.65	11.4	11.76
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/24/78-09/27/84	22	0.09	0.112	0.31	0.02	0.006	0.078	0.032	0.06	0.145	0.25
71830	HYDROXIDE ION (MG/L AS OH)	05/24/78-09/27/84	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71875	HYDROGEN SULFIDE (MG/L)	09/27/84-09/27/84	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	05/24/78-09/27/84	22	50.	63.636	350.	50.	4090.909	63.96	50.	50.	50.	50.
74010	IRON, TOTAL (MG/L AS FE)	05/24/78-09/27/84	21	0.02	0.035	0.11	0.01	0.001	0.033	0.01	0.01	0.05	0.1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/24/78-09/27/84	22	0.4	0.464	1.3	0.2	0.06	0.244	0.23	0.3	0.525	0.81

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

EPA Water Quality Criteria Analysis for Station: YELL0135

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	19	0	0.00				1	0	0.00	8	0	0.00	10	0	0.00
		Other-Lo Lim.	6.5	19	0	0.00				1	0	0.00	8	0	0.00	10	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	21	0	0.00				2	0	0.00	9	0	0.00	10	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	21	0	0.00				2	0	0.00	9	0	0.00	10	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	21	0	0.00				2	0	0.00	9	0	0.00	10	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	22	17	0.77				2	2	1.00	9	7	0.78	11	8	0.73
		Drinking Water	1300.	22	0	0.00				2	0	0.00	9	0	0.00	11	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	22	0	0.00				2	0	0.00	9	0	0.00	11	0	0.00

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

Seasonal Analysis for Season #2: 4/16 to 6/15 - Station YELL0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/78-09/27/84	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/24/78-09/27/84	2	7.005	7.005	7.31	6.7	0.186	0.431	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/24/78-09/27/84	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	05/24/78-09/27/84	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/78-09/27/84	2	76.	76.	77.	75.	2.	1.414	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/78-09/27/84	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/78-09/27/84	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/78-09/27/84	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/24/78-09/27/84	2	19.65	19.65	37.	2.3	602.045	24.537	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/24/78-09/27/84	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	2	32.	32.	36.	28.	32.	5.657	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	05/24/78-09/27/84	2	32.	32.	36.	28.	32.	5.657	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/24/78-09/27/84	2	39.	39.	44.	34.	50.	7.071	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/24/78-09/27/84	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/78-09/27/84	2	72.	72.	74.	70.	8.	2.828	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/27/84	2	0.11	0.11	0.16	0.06	0.005	0.071	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/27/84	2	0.26	0.26	0.46	0.06	0.08	0.283	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/24/78-09/27/84	2	5.5	5.5	8.1	2.9	13.52	3.677	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/78-09/27/84	2	30.	30.	36.	24.	72.	8.485	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	05/24/78-09/27/84	2	6.6	6.6	6.8	6.4	0.08	0.283	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	05/24/78-09/27/84	2	13.5	13.5	19.	8.	60.5	7.778	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/24/78-09/27/84	2	3.25	3.25	4.6	1.9	3.645	1.909	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	05/24/78-09/27/84	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	05/24/78-09/27/84	2	1.55	1.55	1.8	1.3	0.125	0.354	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/78-09/27/84	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/24/78-09/27/84	2	10.5	10.5	13.	8.	12.5	3.536	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	05/24/78-09/27/84	2	0.645	0.645	0.7	0.59	0.006	0.078	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/24/78-09/27/84	2	9.95	9.95	13.	6.9	18.605	4.313	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/24/78-09/27/84	2	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	05/24/78-09/27/84	2	11.05	11.05	11.5	10.6	0.405	0.636	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/24/78-09/27/84	2	0.2	0.2	0.31	0.09	0.024	0.156	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/24/78-09/27/84	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	05/24/78-09/27/84	2	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/24/78-09/27/84	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/24/78-09/27/84	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**

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

Seasonal Analysis for Season #3: 6/16 to 8/15 - Station YELL0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/78-09/27/84	9	11.5	10.644	17.	5.	16.125	4.016	5.	6.5	13.75	17.
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/24/78-09/27/84	9	8.53	9.032	11.8	7.62	2.386	1.545	7.62	7.71	10.45	11.8
00080	COLOR (PLATINUM-COBALT UNITS)	05/24/78-09/27/84	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	05/24/78-09/27/84	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/78-09/27/84	9	82.	82.556	94.	78.	23.278	4.825	78.	79.	84.	94.
00400	PH (STANDARD UNITS)	05/24/78-09/27/84	8	7.2	7.3	7.6	7.2	0.023	0.151	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/78-09/27/84	8	7.2	7.28	7.6	7.2	0.023	0.153	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/78-09/27/84	8	0.063	0.053	0.063	0.025	0.	0.015	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/24/78-09/27/84	9	6.2	8.778	24.	1.5	55.579	7.455	1.5	3.35	14.2	24.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/24/78-09/27/84	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	9	31.	30.778	40.	20.	42.694	6.534	20.	25.	36.5	40.
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	05/24/78-09/27/84	9	31.	30.778	40.	20.	42.694	6.534	20.	25.	36.5	40.
00440	BICARBONATE ION (MG/L AS HCO3)	05/24/78-09/27/84	9	37.	37.444	49.	24.	65.278	8.079	24.	30.5	44.5	49.
00445	CARBONATE ION (MG/L AS CO3)	05/24/78-09/27/84	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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Seasonal Analysis for Season #3: 6/16 to 8/15 - Station YELL0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/78-09/27/84	9	69.	66.444	75.	52.	47.278	6.876	52.	62.5	70.5	75.
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/27/84	9	0.09	0.106	0.22	0.03	0.004	0.065	0.03	0.05	0.16	0.22
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/27/84	9	0.06	0.099	0.22	0.01	0.005	0.074	0.01	0.035	0.16	0.22
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/24/78-09/27/84	9	2.7	2.978	5.4	1.6	1.279	1.131	1.6	2.25	3.65	5.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/78-09/27/84	9	24.	24.444	32.	15.	26.528	5.151	15.	21.5	29.	32.
00916	CALCIUM, TOTAL (MG/L AS CA)	05/24/78-09/27/84	9	8.	7.422	9.6	4.	2.444	1.563	4.	6.8	8.2	9.6
00920	MAGNESIUM (MG/L AS CACO3)	05/24/78-09/27/84	9	5.	5.889	12.	4.	7.861	2.804	4.	4.	7.5	12.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/24/78-09/27/84	9	1.2	1.544	2.9	1.	0.44	0.664	1.	1.	2.05	2.9
00929	SODIUM, TOTAL (MG/L AS NA)	05/24/78-09/27/84	9	9.6	9.433	10.	8.2	0.46	0.678	8.2	8.9	10.	10.
00937	POTASSIUM, TOTAL MG/L AS K)	05/24/78-09/27/84	9	1.8	1.672	2.1	0.59	0.285	0.534	0.59	1.3	2.08	2.1
00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/78-09/27/84	9	6.	5.667	7.	4.	1.25	1.118	4.	4.5	6.5	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/24/78-09/27/84	9	10.	9.889	18.	6.	13.111	3.621	6.	7.	11.	18.
00951	FLUORIDE, TOTAL (MG/L AS F)	05/24/78-09/27/84	9	0.64	0.674	0.83	0.6	0.007	0.086	0.6	0.6	0.745	0.83
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/24/78-09/27/84	9	8.7	8.311	13.	3.5	12.911	3.593	3.5	4.2	11.5	13.
01042	COPPER, TOTAL (UG/L AS CU)	05/24/78-09/27/84	9	100.	102.222	200.	10.	4519.444	67.227	10.	55.	150.	200.
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	05/24/78-09/27/84	9	11.1	11.022	11.6	10.5	0.162	0.402	10.5	10.6	11.4	11.6
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/24/78-09/27/84	9	0.09	0.108	0.25	0.02	0.005	0.073	0.02	0.06	0.155	0.25
71830	HYDROXIDE ION (MG/L AS OH)	05/24/78-09/27/84	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	05/24/78-09/27/84	9	50.	83.333	350.	50.	10000.	100.	50.	50.	50.	350.
74010	IRON, TOTAL (MG/L AS FE)	05/24/78-09/27/84	9	0.03	0.027	0.05	0.01	0.	0.017	0.01	0.01	0.045	0.05
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/24/78-09/27/84	9	0.5	0.511	0.9	0.3	0.031	0.176	0.3	0.4	0.6	0.9

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Seasonal Analysis for Season #4: 8/16 to 10/31 - Station YELL0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/78-09/27/84	11	10.5	11.155	16.	7.8	8.099	2.846	7.92	8.5	14.5	15.8
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/24/78-09/27/84	11	10.6	10.827	13.7	9.1	2.3	1.517	9.1	9.75	11.88	13.56
00080	COLOR (PLATINUM-COBALT UNITS)	05/24/78-09/27/84	11	0.	0.182	2.	0.	0.364	0.603	0.	0.	0.	1.6
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	05/24/78-09/27/84	11	0.	0.091	1.	0.	0.091	0.302	0.	0.	0.	0.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/78-09/27/84	11	80.	84.364	100.	75.	79.655	8.925	75.2	77.	95.	99.
00400	PH (STANDARD UNITS)	05/24/78-09/27/84	10	7.35	7.31	7.4	7.2	0.01	0.099	7.2	7.2	7.4	7.4
00400	CONVERTED PH (STANDARD UNITS)	05/24/78-09/27/84	10	7.347	7.3	7.4	7.2	0.01	0.1	7.2	7.2	7.4	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/78-09/27/84	10	0.045	0.05	0.063	0.04	0.	0.012	0.04	0.04	0.063	0.063
00405	CARBON DIOXIDE (MG/L AS CO2)	05/24/78-09/27/84	10	3.95	9.39	30.	0.1	107.754	10.38	0.27	1.95	17.75	29.3
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/24/78-09/27/84	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	10	32.5	31.5	42.	20.	39.833	6.311	20.4	27.	35.5	41.5
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	05/24/78-09/27/84	10	32.5	31.5	42.	20.	39.833	6.311	20.4	27.	35.5	41.5
00440	BICARBONATE ION (MG/L AS HCO3)	05/24/78-09/27/84	10	39.5	38.3	51.	24.	60.456	7.775	24.5	32.75	43.5	50.4
00445	CARBONATE ION (MG/L AS CO3)	05/24/78-09/27/84	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/78-09/27/84	10	66.	65.9	85.	55.	67.211	8.198	55.5	60.	68.5	83.5
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/27/84	11	0.09	0.109	0.22	0.02	0.004	0.062	0.028	0.06	0.16	0.214
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/27/84	11	0.03	0.053	0.19	0.02	0.002	0.048	0.022	0.03	0.06	0.164
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/24/78-09/27/84	11	2.9	7.809	38.	0.2	126.231	11.235	0.2	1.5	12.	33.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/78-09/27/84	11	24.	25.818	32.	14.	26.564	5.154	15.8	24.	30.	31.8
00916	CALCIUM, TOTAL (MG/L AS CA)	05/24/78-09/27/84	11	6.4	6.755	9.6	4.	3.791	1.947	4.16	5.1	8.4	9.52
00920	MAGNESIUM (MG/L AS CACO3)	05/24/78-09/27/84	11	8.	8.936	20.	4.	19.365	4.401	4.	6.	10.3	18.2
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/24/78-09/27/84	11	1.9	2.173	4.9	1.	1.15	1.072	1.	1.5	2.5	4.46
00929	SODIUM, TOTAL (MG/L AS NA)	05/24/78-09/27/84	11	9.6	10.188	17.	8.1	5.614	2.369	8.28	9.2	10.	15.8
00937	POTASSIUM, TOTAL MG/L AS K)	05/24/78-09/27/84	11	1.88	1.831	3.6	0.18	0.655	0.809	0.384	1.7	2.	3.34
00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/78-09/27/84	10	4.5	4.9	12.	1.	9.211	3.035	1.1	2.75	6.	11.4
00945	SULFATE, TOTAL (MG/L AS SO4)	05/24/78-09/27/84	10	10.	9.3	11.	7.	2.233	1.494	7.	7.75	10.25	11.
00951	FLUORIDE, TOTAL (MG/L AS F)	05/24/78-09/27/84	10	0.625	0.638	0.82	0.44	0.01	0.101	0.454	0.587	0.7	0.808
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/24/78-09/27/84	11	5.8	7.682	19.	0.9	31.77	5.636	1.26	3.	9.9	18.4
01042	COPPER, TOTAL (UG/L AS CU)	05/24/78-09/27/84	11	100.	87.273	300.	10.	6741.818	82.109	10.	10.	100.	260.

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Seasonal Analysis for Season #4: 8/16 to 10/31 - Station YELL0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	05/24/78-09/27/84	10	11.15	11.06	11.8	9.7	0.36	0.6	9.79	10.825	11.35	11.8
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/24/78-09/27/84	11	0.08	0.1	0.25	0.02	0.004	0.067	0.028	0.06	0.13	0.238
71830	HYDROXIDE ION (MG/L AS OH)	05/24/78-09/27/84	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	05/24/78-09/27/84	11	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
74010	IRON, TOTAL (MG/L AS FE)	05/24/78-09/27/84	10	0.03	0.046	0.11	0.01	0.002	0.043	0.01	0.01	0.1	0.109
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/24/78-09/27/84	11	0.3	0.409	1.3	0.2	0.093	0.305	0.2	0.3	0.4	1.12

** - Less than 9 observations ## - Computed 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: YELL0136

NPS Station ID: YELL0136 LAT/LON: 44.435004/ 110.806392 Agency: 112WRD Date Created: / /
Location: UNNAMED TR FR HOT SP NR WELL COF I NR OF YNP FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06036795
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020007078 RF1 Mile Point: 6.620 Distance from RF1: 7.40 On/Off RF1: OFF
RF3 Index: 10070001039500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.27 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/68-06/11/68	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/68-06/11/68	1	702.	702.	702.	702.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/11/68-06/11/68	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/11/68-06/11/68	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/68-06/11/68	1	398.107	398.107	398.107	398.107	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/68-06/11/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/11/68-06/11/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/11/68-06/11/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/11/68-06/11/68	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/11/68-06/11/68	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/11/68-06/11/68	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/11/68-06/11/68	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/11/68-06/11/68	1	86.	86.	86.	86.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/11/68-06/11/68	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/11/68-06/11/68	1	85.	85.	85.	85.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/11/68-06/11/68	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/68-06/11/68	1	121.	121.	121.	121.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/11/68-06/11/68	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/11/68-06/11/68	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/68-06/11/68	1	192.	192.	192.	192.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/11/68-06/11/68	1	700.	700.	700.	700.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/11/68-06/11/68	1	1350.	1350.	1350.	1350.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/11/68-06/11/68	1	566.	566.	566.	566.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/11/68-06/11/68	1	502.	502.	502.	502.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/11/68-06/11/68	1	0.77	0.77	0.77	0.77	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	06/11/68-06/11/68	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/11/68-06/11/68	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: YELL0136

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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						

& - 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: YELL0136

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00				1	0	0.00						
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: YELL0137

NPS Station ID: YELL0137
LAT/LON: 44.442503/ 110.804171
Agency: 112WRD
Date Created: / /
Location: FIREHOLE R AB DIV DAM NR OLD FAITHFUL YNP
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06036800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10020007078
RF1 Mile Point: 5.920
Distance from RF1: 4.20
On/Off RF1: OFF
RF3 Index: 17040101003608.46
RF3 Mile Point: 10.01
Distance from RF3: 0.15
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/67-10/22/70	17	7.	8.471	15.5	3.5	17.818	4.221	3.9	4.75	13.15	14.3
00060	FLOW, STREAM, MEAN DAILY CFS	05/22/68-10/22/70	12	54.	70.	185.	34.	1604.545	40.057	38.8	50.25	75.	159.8
00080	COLOR (PLATINUM-COBALT UNITS)	10/13/68-10/22/70	10	9.	11.9	30.	2.	77.211	8.787	2.3	5.	20.	29.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/22/67-10/22/70	15	86.	92.2	132.	39.	636.6	25.231	51.6	78.	114.	126.
00400	PH (STANDARD UNITS)	06/22/67-10/22/70	15	6.6	6.733	7.3	6.3	0.118	0.344	6.36	6.4	7.1	7.24
00400	CONVERTED PH (STANDARD UNITS)	06/22/67-10/22/70	15	6.6	6.625	7.3	6.3	0.131	0.362	6.36	6.4	7.1	7.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/22/67-10/22/70	15	0.251	0.237	0.501	0.05	0.022	0.149	0.058	0.079	0.398	0.439
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/22/67-10/22/70	15	17.	16.933	22.	8.	15.067	3.882	9.8	15.	20.	22.
00440	BICARBONATE ION (MG/L AS HCO3)	06/22/67-10/22/70	15	21.	20.8	27.	10.	21.886	4.678	12.4	18.	24.	27.
00445	CARBONATE ION (MG/L AS CO3)	06/22/67-10/22/70	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/22/67-10/22/70	15	10.	10.2	14.	6.	4.314	2.077	6.	10.	12.	12.8
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/22/67-10/22/70	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/22/67-10/22/70	15	3.	2.927	4.8	1.6	0.862	0.928	1.6	2.2	3.5	4.32
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/22/67-10/22/70	15	0.4	0.707	1.9	0.	0.275	0.524	0.12	0.4	1.1	1.54
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/22/67-10/22/70	15	12.	12.773	20.	4.2	21.266	4.612	5.34	9.7	17.	19.4
00931	SODIUM ADSORPTION RATIO	06/22/67-10/22/70	15	1.6	1.727	2.7	0.7	0.358	0.598	0.94	1.3	2.3	2.64
00932	SODIUM, PERCENT	06/22/67-10/22/70	15	63.	64.667	74.	51.	52.381	7.237	52.2	61.	72.	73.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/22/67-10/22/70	15	3.2	3.107	4.	0.7	0.715	0.846	1.66	2.8	3.8	3.94
00940	CHLORIDE,TOTAL IN WATER MG/L	06/22/67-10/22/70	15	10.	11.4	20.	4.	24.971	4.997	4.6	8.	16.	19.4
00945	SULFATE, TOTAL (MG/L AS SO4)	06/22/67-10/22/70	15	4.	3.72	6.	0.	3.147	1.774	0.48	3.	5.	6.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/22/67-10/22/70	15	2.1	2.06	3.1	0.9	0.3	0.547	0.96	2.	2.2	2.86
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/22/67-10/22/70	15	42.	38.6	52.	19.	114.4	10.696	19.6	30.	46.	51.4
01020	BORON, DISSOLVED (UG/L AS B)	06/22/67-10/22/70	15	100.	112.	210.	10.	4002.857	63.268	10.	80.	160.	204.
01045	IRON, TOTAL (UG/L AS FE)	05/22/68-10/22/70	12	155.	152.5	240.	80.	2802.273	52.936	83.	95.	197.5	231.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/22/67-10/22/70	15	98.	95.333	140.	50.	516.952	22.737	58.4	82.	110.	129.2
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/68-10/22/70	12	88.5	89.583	121.	49.	411.902	20.295	56.5	76.	107.25	118.
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/68-10/22/70	10	15.25	17.435	36.	8.64	59.872	7.738	8.767	12.978	20.075	34.64
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/22/67-10/22/70	15	0.13	0.131	0.19	0.07	0.001	0.031	0.082	0.11	0.15	0.178
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/22/67-10/22/70	15	0.	0.113	0.4	0.	0.02	0.141	0.	0.	0.2	0.34
71885	IRON (UG/L AS FE)	06/22/67-08/18/67	2	115.	115.	120.	110.	50.	7.071	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/21/69-10/22/70	6	4.5	5.5	13.	1.	20.3	4.506	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/21/69-10/22/70	6	0.575	1.36	4.	0.13	2.519	1.587	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0137

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	15	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	15	6	0.40	2	1	0.50	4	1	0.25	4	1	0.25	5	3	0.60
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	15	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	15	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	15	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00

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

Station Inventory for Station: YELL0138

NPS Station ID: YELL0138
LAT/LON: 44.447781/ 110.706116
Agency: 112WRD
Date Created: / /
Location: HERRON C NR OF YNP WY
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 13007100
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17040101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17040101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 17040101006501.56
RF3 Mile Point: 2.15
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-10/22/70	5	2.	3.92	12.	0.5	22.157	4.707	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/22/69-10/22/70	5	1.	13.3	59.	0.2	658.42	25.66	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/22/69-10/22/70	5	20.	18.4	30.	2.	102.8	10.139	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/69-10/22/70	5	31.	28.4	33.	21.	30.8	5.55	**	**	**	**
00400	PH (STANDARD UNITS)	05/22/69-10/22/70	5	6.5	6.58	7.1	6.2	0.167	0.409	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/22/69-10/22/70	5	6.5	6.448	7.1	6.2	0.189	0.435	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/69-10/22/70	5	0.316	0.357	0.631	0.079	0.071	0.266	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/22/69-10/22/70	5	10.	9.4	11.	7.	2.3	1.517	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/22/69-10/22/70	5	12.	11.6	14.	9.	3.3	1.817	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/22/69-10/22/70	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/22/69-10/22/70	4	6.	7.	10.	6.	4.	2.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/22/69-10/22/70	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/22/69-10/22/70	5	2.3	2.16	3.4	0.8	0.953	0.976	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/22/69-10/22/70	5	0.7	0.7	1.	0.5	0.035	0.187	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/22/69-10/22/70	5	2.	1.86	2.4	1.1	0.243	0.493	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/22/69-10/22/70	5	0.3	0.3	0.4	0.2	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	05/22/69-10/22/70	5	29.	27.6	32.	21.	20.8	4.561	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/22/69-10/22/70	5	1.6	1.72	2.1	1.4	0.097	0.311	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/22/69-10/22/70	5	0.6	0.6	0.9	0.4	0.045	0.212	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/22/69-10/22/70	5	3.	2.2	3.	1.	1.2	1.095	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/22/69-10/22/70	5	0.2	0.2	0.3	0.1	0.01	0.1	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/22/69-10/22/70	5	26.	23.76	37.	6.8	183.388	13.542	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/22/69-10/22/70	5	10.	8.	20.	0.	70.	8.367	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/22/69-10/22/70	5	90.	102.	140.	80.	720.	26.833	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/22/69-10/22/70	5	40.	45.6	66.	28.	302.8	17.401	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/69-10/22/70	5	43.	39.2	55.	20.	270.7	16.453	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/69-10/22/70	5	0.09	1.188	5.1	0.04	4.85	2.202	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/22/69-10/22/70	5	0.05	0.06	0.09	0.04	0.001	0.023	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/69-10/22/70	5	0.	0.1	0.3	0.	0.02	0.141	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0138

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	5	0	0.00				1	0	0.00	2	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	5	3	0.60				1	0	0.00	2	1	0.50	2	2	1.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00				1	0	0.00	2	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	5	0	0.00				1	0	0.00	2	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	5	0	0.00				1	0	0.00	2	0	0.00	2	0	0.00

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

Station Inventory for Station: YELL0139

NPS Station ID: YELL0139 LAT/LON: 44.450059/ 110.851060 Agency: 11NPSYSP Date Created: 07/07/90
Location: WEST FORK IRON SPRING CREEK AT HEAD OF CANYON FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 201816040000002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 24.50 On/Off RF1:
RF3 Index: 10020007167800.00 RF3 Mile Point: 0.24 Distance from RF3: 0.59 On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 1660.66 STREAM LENGTH (km)= 5.75 % GRADIENT= 6.04
HIGHEST ELEVATION (m)=2599.9 LOWEST ELEVATION (m)=2252.5 I-BROWN TROUT

Parameter Inventory for Station: YELL0139

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: YELL0140

NPS Station ID: YELL0140 LAT/LON: 44.451032/ 110.850282 Agency: 11NPSYSP Date Created: 07/07/90
Location: WEST FORK IRON SPRING CREEK NEAR EMERALD POOL FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 20181600000000X
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 8.90 On/Off RF1:
RF3 Index: 10020007024800.00 RF3 Mile Point: 0.00 Distance from RF3: 0.16 On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2590.79 STREAM LENGTH (km)= 6.72 % GRADIENT= 5.71
HIGHEST ELEVATION (m)=2599.9 LOWEST ELEVATION (m)=2215.9 I-BROWN TROUT

Parameter Inventory for Station: YELL0140

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: YELL0141

NPS Station ID: YELL0141
LAT/LON: 44.454170/ 110.844449
Agency: 112WRD
Date Created: 02/20/76
Location: IRON SPRING CREEK ABOVE OLD FAITHFUL SEWAGE LAG
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 442715110504001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10020007078
RF1 Mile Point: 2.550
Distance from RF1: 7.20
On/Off RF1: OFF
RF3 Index: 17040101080200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0141

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/75-08/22/85	12	15.5	15.417	19.	12.5	4.265	2.065	12.5	13.625	16.875	18.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/75-08/27/82	3	10.	11.667	15.	10.	8.333	2.887	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/75-08/22/85	12	122.5	115.75	140.	54.	514.932	22.692	64.8	116.25	125.	137.
00300	OXYGEN, DISSOLVED MG/L	09/19/76-09/19/76	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/21/75-07/28/81	6	7.4	7.483	8.	7.1	0.126	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/21/75-07/28/81	6	7.389	7.38	8.	7.1	0.138	0.372	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/75-07/28/81	6	0.041	0.042	0.079	0.01	0.001	0.027	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/28/81-07/28/81	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/28/81-07/28/81	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/81-07/28/81	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/21/75-08/20/78	3	4.3	4.033	5.7	2.1	3.293	1.815	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/75-09/03/80	5	34.	34.2	37.	31.	4.7	2.168	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/21/75-08/20/78	3	43.	43.	45.	41.	4.	2.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/21/75-08/20/78	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/03/80-07/28/81	2	0.115	0.115	0.23	0.	0.026	0.163	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/21/75-07/28/81	6	0.36	1.032	4.8	0.01	3.435	1.853	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/21/75-08/22/85	12 ##	0.05	0.068	0.2	0.01	0.004	0.065	0.01	0.02	0.073	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/21/75-07/28/81	6 ##	0.008	0.389	2.3	0.005	0.876	0.936	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/21/75-07/28/81	6	2.	1.683	2.8	0.	1.15	1.072	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/21/75-07/28/81	6	16.5	16.167	17.	15.	0.967	0.983	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/21/75-09/03/80	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/75-07/28/81	6	5.3	5.217	5.3	5.	0.018	0.133	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/75-07/28/81	6	0.8	0.733	0.9	0.5	0.023	0.151	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/75-07/28/81	6	18.5	18.833	22.	17.	3.767	1.941	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/21/75-07/28/81	6	2.05	2.05	2.3	1.9	0.023	0.152	**	**	**	**
00932	SODIUM, PERCENT	10/21/75-07/28/81	6	66.	66.333	69.	65.	2.267	1.506	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/29/79-08/29/79	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/75-07/28/81	6	3.55	3.55	3.8	3.3	0.035	0.187	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/75-08/22/85	12	8.5	8.167	10.	5.	1.97	1.403	5.3	8.	9.	9.7
00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/75-07/28/81	6	4.	3.75	6.	0.5	3.175	1.782	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/21/75-07/28/81	6	4.15	4.133	4.7	3.6	0.247	0.497	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/75-07/28/81	6	66.5	66.167	74.	59.	34.967	5.913	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/26/83-08/26/83	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/21/75-07/28/81	6	22.5	23.333	40.	5.	136.667	11.69	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/03/80-07/28/81	2	9.	9.	9.	9.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/76-09/19/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/76-09/19/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	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

Parameter Inventory for Station: YELL0141

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/21/75-07/28/81	6	132.5	131.667	145.	123.	63.067	7.941	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/21/75-10/21/75	1	3.35	3.35	3.35	3.35	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/21/75-07/28/81	6	0.18	0.18	0.2	0.17	0.	0.011	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/03/80-07/28/81	2	0.15	0.15	0.3	0.	0.045	0.212	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/29/79-07/28/81	3	0.03	2.387	7.1	0.03	16.662	4.082	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0141

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	6	0	0.00							1	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00							1	0	0.00	5	0	0.00
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.	12	0	0.00				2	0	0.00	2	0	0.00	8	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	12	0	0.00				2	0	0.00	2	0	0.00	8	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00							1	0	0.00	5	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	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: YELL0142

NPS Station ID: YELL0142 LAT/LON: 44.457226/ 110.846671 Agency: 112WRD Date Created: 02/20/76
Location: IRON SPRING CREEK BELOW OLD FAITHFUL SEWAGE LAG FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 442726110504801
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020007078 RF1 Mile Point: 2.550 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10020007168501.90 RF3 Mile Point: 6.44 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/75-08/22/85	12	18.5	18.583	22.	13.	8.583	2.93	13.75	16.25	21.75	22.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/21/75-08/27/82	3	10.	11.667	15.	10.	8.333	2.887	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/21/75-08/22/85	12	170.	164.	190.	115.	525.636	22.927	119.5	147.5	179.5	187.
00300	OXYGEN, DISSOLVED MG/L	09/19/76-09/19/76	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/21/75-07/28/81	6	7.25	7.417	7.8	7.2	0.09	0.299	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/21/75-07/28/81	6	7.247	7.345	7.8	7.2	0.096	0.31	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/75-07/28/81	6	0.057	0.045	0.063	0.016	0.001	0.023	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/28/81-07/28/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/28/81-07/28/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/81-07/28/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/21/75-08/20/78	3	5.5	5.033	6.2	3.4	2.123	1.457	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/21/75-09/03/80	5	43.	42.4	50.	34.	33.3	5.771	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/21/75-08/20/78	3	54.	52.333	61.	42.	92.333	9.609	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/21/75-08/20/78	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/03/80-07/28/81	2	0.215	0.215	0.43	0.	0.092	0.304	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/21/75-07/28/81	6	0.42	0.438	0.79	0.12	0.077	0.277	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/21/75-08/22/85	12 ##	0.05	0.056	0.2	0.01	0.003	0.051	0.01	0.02	0.05	0.167
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/21/75-07/28/81	6	0.04	0.261	1.4	0.005	0.312	0.558	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/21/75-07/28/81	6	2.25	2.25	3.5	1.2	0.827	0.909	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/21/75-07/28/81	6	16.	19.167	35.	15.	60.567	7.782	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/21/75-09/03/80	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/21/75-07/28/81	6	5.15	6.5	13.	5.1	10.164	3.188	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/21/75-07/28/81	6	0.75	0.717	0.8	0.6	0.01	0.098	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/21/75-07/28/81	6	29.5	29.	35.	25.	14.	3.742	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/21/75-07/28/81	6	3.3	3.033	3.7	1.8	0.447	0.668	**	**	**	**
00932	SODIUM, PERCENT	10/21/75-07/28/81	6	74.5	71.667	77.	57.	54.267	7.367	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/29/79-08/29/79	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/21/75-07/28/81	6	4.5	4.633	5.3	4.3	0.139	0.372	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/75-08/22/85	12	16.5	16.417	21.	11.	10.083	3.175	11.3	14.	19.	20.7
00945	SULFATE, TOTAL (MG/L AS SO4)	10/21/75-07/28/81	6	5.	4.583	6.	0.5	4.242	2.06	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/21/75-07/28/81	6	4.6	4.45	5.1	3.5	0.431	0.657	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/75-07/28/81	6	76.	74.5	82.	65.	56.3	7.503	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/26/83-08/26/83	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/21/75-07/28/81	6	27.	30.667	50.	20.	162.667	12.754	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/03/80-07/28/81	2	14.5	14.5	19.	10.	40.5	6.364	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/76-09/19/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/76-09/19/76	1	0.845	0.845	0.845	0.845	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			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: YELL0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/21/75-07/28/81	6	166.	144.667	185.	29.	3378.267	58.123	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/21/75-10/21/75	1	4.35	4.35	4.35	4.35	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/21/75-07/28/81	6	0.225	0.197	0.25	0.04	0.006	0.079	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/03/80-07/28/81	2	0.275	0.275	0.55	0.	0.151	0.389	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/29/79-07/28/81	3	0.15	1.493	4.3	0.03	5.912	2.431	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0142

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	6	0	0.00							1	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00							1	0	0.00	5	0	0.00
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.	12	0	0.00				2	0	0.00	2	0	0.00	8	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	12	0	0.00				2	0	0.00	2	0	0.00	8	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00							1	0	0.00	5	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	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: YELL0143

NPS Station ID: YELL0143 LAT/LON: 44.461393/ 110.852226 Agency: 112WRD Date Created: / /
Location: IRON SPRING CR NR OLD FAITHFUL YNP, WY FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06036813
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020007078 RF1 Mile Point: 2.550 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 17040101037405.97 RF3 Mile Point: 8.24 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/21/69-09/19/76	7	12.	12.571	16.	9.5	6.869	2.621	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/21/69-10/22/70	6	37.	34.5	37.	26.	19.9	4.461	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/21/69-10/22/70	6	4.5	8.	30.	2.	118.	10.863	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/21/69-09/19/76	7	165.	178.143	241.	151.	1013.476	31.835	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/76-09/19/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/21/69-09/19/76	7	6.9	7.214	7.9	6.5	0.295	0.543	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/21/69-09/19/76	7	6.9	6.972	7.9	6.5	0.364	0.603	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/21/69-09/19/76	7	0.126	0.107	0.316	0.013	0.011	0.107	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/19/76-09/19/76	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/69-09/19/76	7	38.	40.857	57.	34.	66.81	8.174	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/21/69-09/19/76	7	46.	49.714	69.	41.	96.238	9.81	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/21/69-09/19/76	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/76-09/19/76	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/19/76-09/19/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/76-09/19/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/19/76-09/19/76	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/21/69-09/19/76	7	11.	11.286	12.	11.	0.238	0.488	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/21/69-09/19/76	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/21/69-09/19/76	7	3.7	3.686	4.3	2.5	0.345	0.587	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/21/69-09/19/76	7	0.5	0.514	1.2	0.1	0.111	0.334	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/21/69-09/19/76	7	28.	29.857	44.	22.	53.476	7.313	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/21/69-09/19/76	7	3.7	3.857	5.7	2.9	0.88	0.938	**	**	**	**
00932	SODIUM, PERCENT	05/21/69-09/19/76	7	78.	78.286	84.	74.	10.238	3.2	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/21/69-09/19/76	7	4.5	4.629	5.2	4.2	0.109	0.33	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/21/69-09/19/76	7	18.	19.714	30.	14.	28.238	5.314	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/21/69-09/19/76	7	5.	4.571	6.	1.	2.952	1.718	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/21/69-09/19/76	7	4.4	4.357	5.4	3.4	0.406	0.637	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/21/69-09/19/76	7	66.	63.714	72.	52.	41.571	6.448	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/21/69-10/22/70	6	210.	233.333	350.	170.	5106.667	71.461	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/21/69-10/22/70	6	85.	115.	340.	0.	14030.	118.448	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/19/76-09/19/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/76-09/19/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/76-09/19/76	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/21/69-10/22/70	6	161.	165.333	220.	142.	809.067	28.444	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/21/69-09/19/76	7	149.	156.143	196.	134.	457.143	21.381	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/21/69-10/22/70	6	14.3	15.433	22.	11.5	12.779	3.575	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/21/69-09/19/76	7	0.21	0.217	0.3	0.18	0.002	0.039	**	**	**	**

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

Parameter Inventory for Station: YELL0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/21/69-10/22/70	6	0.	0.083	0.4	0.	0.026	0.16	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0143

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	7	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	7	1	0.14	1	0	0.00	1	0	0.00	2	0	0.00	3	1	0.33
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.	7	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	7	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	6	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00

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

Station Inventory for Station: YELL0144

NPS Station ID: YELL0144
LAT/LON: 44.467448/ 110.283449
Agency: 11NPSYSP
Date Created: 07/07/90
Location: CLEAR CR. AT MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 109500000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.70
On/Off RF1:
RF3 Index: 10070001011400.00
RF3 Mile Point: 0.57
Distance from RF3: 0.36
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 5895.90 STREAM LENGTH (km)= 20.3 % GRADIENT= 1.08
HIGHEST ELEVATION (m)=2585.0 LOWEST ELEVATION (m)=2365.3 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0144

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: YELL0145

NPS Station ID: YELL0145
LAT/LON: 44.467753/ 110.534088
Agency: 11NPSYSP
Date Created: 07/07/90
Location: ARNICA CREEK .8 KM FROM MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 118300000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.20
On/Off RF1:
RF3 Index: 10070001006600.00
RF3 Mile Point: 0.92
Distance from RF3: 0.04
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 5471.02 STREAM LENGTH (km)= 12.8 % GRADIENT= 1.42
HIGHEST ELEVATION (m)=2538.9 LOWEST ELEVATION (m)=2357.1 CUTTHROAT TROUT, REDSIDE SHINERS, AND LONGNOSE SUCKERS PRESENT.

Parameter Inventory for Station: YELL0145

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: YELL0146

NPS Station ID: YELL0146 LAT/LON: 44.468170/ 110.150977 Agency: 11NPSYSP Date Created: 05/24/86
Location: SYLVAN L. E.ENTRANCE RD YNP NEAR SYLVAN PASS FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 109500000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 19 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10070001031700.00 RF3 Mile Point: 1.43 Distance from RF3: 0.36 On/Off RF3:
Description:
ELEVATION (m)=2563.3 CAPACITY (m cubed)= 257461 DRAINAGE AREA (ha)= 176 SURFACE AREA (ha)= 11.4
AVERAGE DEPTH (m)= 2.3 MAX DEPTH (m)= 6.7 NATIVE CUTTHROAT; VERY POPULAR LAKE BECAUSE OF ACCESSIBILITY AND SCENERY
, 1978 PLACED UNDER CATCH-AND-RELEASE REGULATIONS.

Parameter Inventory for Station: YELL0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/78-08/07/85	4	15.8	15.325	16.9	12.8	3.909	1.977	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/15/78-07/19/84	3	6.1	6.2	6.7	5.8	0.21	0.458	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/15/78-08/07/85	4	0.	1.25	5.	0.	6.25	2.5	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/15/78-08/07/85	4	0.5	0.5	1.	0.	0.333	0.577	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/15/78-07/19/84	3	79.	77.	80.	72.	19.	4.359	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/15/78-07/19/84	3	7.4	7.467	7.8	7.2	0.093	0.306	**	**	**	**
00400	PH (STANDARD UNITS)	08/15/78-08/07/85	3	7.6	7.533	7.7	7.3	0.043	0.208	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/15/78-08/07/85	3	7.6	7.499	7.7	7.3	0.045	0.212	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/15/78-08/07/85	3	0.025	0.032	0.05	0.02	0.	0.016	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/15/78-08/07/85	4	2.25	2.525	3.9	1.7	0.949	0.974	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/15/78-08/07/85	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/15/78-08/07/85	4	34.5	36.75	48.	30.	62.25	7.89	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/15/78-08/07/85	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/15/78-08/07/85	4	34.5	36.75	48.	30.	62.25	7.89	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/15/78-08/07/85	4	42.5	45.25	59.	37.	92.25	9.605	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/15/78-08/07/85	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/15/78-08/07/85	4	49.	49.25	66.	33.	182.25	13.5	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/19/84-07/19/84	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/15/78-08/08/81	2	0.085	0.085	0.12	0.05	0.002	0.049	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/15/78-08/08/81	2	0.07	0.07	0.12	0.02	0.005	0.071	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/78-08/08/81	2	0.075	0.075	0.09	0.06	0.	0.021	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/15/78-08/07/85	4	0.045	0.053	0.09	0.03	0.001	0.029	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/15/78-08/07/85	4	0.03	0.038	0.06	0.03	0.	0.015	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/78-08/08/81	2	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/15/78-07/19/84	3	4.9	5.067	6.6	3.7	2.123	1.457	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/15/78-08/07/85	4	31.5	37.25	66.	20.	396.917	19.923	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/15/78-08/07/85	4	8.45	10.575	19.	6.4	33.883	5.821	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/15/78-08/07/85	4	6.8	8.9	18.	4.	38.713	6.222	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/15/78-08/07/85	4	1.65	2.2	4.4	1.1	2.233	1.494	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/15/78-08/07/85	4	2.695	2.803	3.62	2.2	0.351	0.593	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/15/78-08/07/85	4	0.65	0.648	1.	0.29	0.166	0.407	**	**	**	**

** - Less than 9 observations ## - 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: YELL0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	08/15/78-08/07/85	4	1.	1.5	3.	1.	1.	1.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/15/78-08/07/85	4	3.	3.	4.	2.	1.333	1.155	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/15/78-08/07/85	4	0.075	0.078	0.12	0.04	0.001	0.039	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/15/78-08/07/85	4	3.3	4.1	8.	1.8	7.367	2.714	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/15/78-08/07/85	4	55.	105.	300.	10.	18700.	136.748	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/15/78-08/07/85	4	9.99	9.945	10.6	9.2	0.33	0.574	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/15/78-08/07/85	4	0.045	0.05	0.09	0.02	0.001	0.032	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/15/78-08/07/85	4	0.	0.	0.	0.	0.	0.	**	**	**	**
71875	HYDROGEN SULFIDE (MG/L)	07/19/84-08/07/85	2	0.055	0.055	0.1	0.01	0.004	0.064	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/15/78-08/07/85	4	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/15/78-08/07/85	4	0.06	0.058	0.1	0.01	0.002	0.049	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/15/78-08/07/85	4	0.55	0.55	0.9	0.2	0.097	0.311	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0146

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00							3	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00							4	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	4	0	0.00							4	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	4	2	0.50							4	2	0.50			
		Drinking Water	1300.	4	0	0.00							4	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	4	0	0.00							4	0	0.00			

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

Station Inventory for Station: YELL0147

NPS Station ID: YELL0147 LAT/LON: 44.468198/ 110.966865 Agency: 11NPSYSP Date Created: 07/07/90
Location: LITTLE FIREHOLE RIVER WEST OF FIREHOLE MEADOWS FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 201816000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 13.60 On/Off RF1:
RF3 Index: 10020007168501.90 RF3 Mile Point: 5.03 Distance from RF3: 0.26 On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 299.28 STREAM LENGTH (km)= 1.4 % GRADIENT= 6.97
HIGHEST ELEVATION (m)=2535.9 LOWEST ELEVATION (m)=2438.4 INTRODUCED BROOK AND BROWN TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0147

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: YELL0148

NPS Station ID: YELL0148
LAT/LON: 44.477782/ 110.541671
Agency: 112WRD
Date Created: / /
Location: ARNICA C NR W THUMB, YNP, WY
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06185955
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001065
RF1 Mile Point: 0.410
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10020007007400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0148

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-10/22/70	7	12.	11.843	18.5	6.	23.123	4.809	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/22/69-10/22/70	7	5.	9.143	33.	4.	112.81	10.621	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/22/69-10/22/70	6	15.	22.	50.	2.	353.6	18.804	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/69-10/22/70	7	104.	95.	105.	49.	421.333	20.526	**	**	**	**
00400	PH (STANDARD UNITS)	05/22/69-10/22/70	7	6.9	6.971	7.4	6.6	0.089	0.298	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/22/69-10/22/70	7	6.9	6.89	7.4	6.6	0.097	0.311	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/69-10/22/70	7	0.126	0.129	0.251	0.04	0.006	0.079	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/22/69-10/22/70	7	36.	33.286	37.	18.	45.905	6.775	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/22/69-10/22/70	7	44.	40.714	45.	22.	68.571	8.281	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/22/69-10/22/70	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/22/69-10/22/70	7	22.	21.429	26.	14.	13.952	3.735	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/22/69-10/22/70	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/22/69-10/22/70	7	5.9	5.986	7.8	4.1	1.258	1.122	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/22/69-10/22/70	7	1.6	1.6	2.4	1.	0.177	0.42	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/22/69-10/22/70	7	13.	11.686	14.	3.8	13.425	3.664	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/22/69-10/22/70	7	1.1	1.071	1.4	0.4	0.106	0.325	**	**	**	**
00932	SODIUM, PERCENT	05/22/69-10/22/70	7	51.	49.143	57.	32.	66.476	8.153	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/22/69-10/22/70	7	2.5	2.614	2.9	2.4	0.041	0.204	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/22/69-10/22/70	7	1.	1.071	2.	0.6	0.189	0.435	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/22/69-10/22/70	7	2.	2.543	4.	0.8	1.396	1.182	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/22/69-10/22/70	7	5.2	4.7	6.	1.3	2.55	1.597	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/22/69-10/22/70	7	49.	44.857	53.	23.	103.143	10.156	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/22/69-10/22/70	7	10.	15.714	30.	10.	61.905	7.868	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/22/69-10/22/70	7	250.	254.286	430.	170.	8561.905	92.531	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/22/69-10/22/70	7	104.	99.429	116.	70.	232.952	15.263	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/69-10/22/70	7	102.	95.714	110.	49.	453.238	21.289	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/69-10/22/70	7	1.32	2.184	6.24	1.12	3.464	1.861	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/22/69-10/22/70	7	0.14	0.137	0.16	0.1	0.	0.021	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/69-10/22/70	7	0.1	0.157	0.7	0.	0.063	0.251	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0148

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00

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

Station Inventory for Station: YELL0149

NPS Station ID: YELL0149 LAT/LON: 44.483726/ 110.168226 Agency: 11NPSYSP Date Created: 07/07/90
Location: CLEAR CR. 15.1 KM UPSTREAM FROM MOUTH FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 109500000000002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 10070001006900.00 RF3 Mile Point: 0.48 Distance from RF3: 0.31 On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1685.44 STREAM LENGTH (km)= 9.66 % GRADIENT= 1.56
HIGHEST ELEVATION (m)=2585.0 LOWEST ELEVATION (m)=2511.6 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0149

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: YELL0150

NPS Station ID: YELL0150
LAT/LON: 44.484059/ 110.268170
Agency: 11NPSYSP
Date Created: 07/07/90
Location: CUB CR. AT MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 109300000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 10070001011700.00
RF3 Mile Point: 3.39
Distance from RF3: 0.19
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2031.97 STREAM LENGTH (km)= 11.59 % GRADIENT= 4
HIGHEST ELEVATION (m)=2828.5 LOWEST ELEVATION (m)=2365.3 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0150

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: YELL0151

NPS Station ID: YELL0151
LAT/LON: 44.484087/ 110.850170
Agency: 11NPSYSP
Date Created: 07/07/90
Location: FIREHOLE RIVER, REACH 1
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 201800000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 12.30
On/Off RF1:
RF3 Index: 10020007171900.00
RF3 Mile Point: 1.40
Distance from RF3: 0.80
On/Off RF3:
Description:
STREAM ORDER= 5 WATERSHED SIZE (ha)=23512.65 STREAM LENGTH (km)= 22.8 % GRADIENT= 1.38
HIGHEST ELEVATION (m)=2532.9 LOWEST ELEVATION (m)=2218.9 I-BROWN TROUT RAINBOW TROUT

Parameter Inventory for Station: YELL0151

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: YELL0152

NPS Station ID: YELL0152
LAT/LON: 44.485003/ 110.834143
Agency: 11NPSYSP
Date Created: 07/07/90
Location: FIREHOLE RIVER REACH 2
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 201800000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 10020007007800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.10
On/Off RF3:
Description:
STREAM ORDER= 5 WATERSHED SIZE (ha)=23832.01 STREAM LENGTH (km)= 23.75 % GRADIENT= 1.35
HIGHEST ELEVATION (m)=2532.9 LOWEST ELEVATION (m)=2212.9 I-BROWN TROUT RAINBOW TROUT

Parameter Inventory for Station: YELL0152

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: YELL0153

NPS Station ID: YELL0153 LAT/LON: 44.485838/ 110.852226 Agency: 112WRD Date Created: / /
Location: FIREHOLE R BEL UPPER GEYSER BASIN, YNP FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06036822
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020007077 RF1 Mile Point: 1.730 Distance from RF1: 9.00 On/Off RF1: OFF
RF3 Index: 17040101036900.04 RF3 Mile Point: 1.51 Distance from RF3: 0.39 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-03/05/71	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	03/05/71-03/05/71	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0153

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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									

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

Station Inventory for Station: YELL0154

NPS Station ID: YELL0154
LAT/LON: 44.488615/ 110.000560
Agency: 112WRD
Date Created: / /
Location: MIDDLE CR AT E ENTRANCE YNP WY
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06279850
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10080012
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10080012035
RF1 Mile Point: 2.420
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001002302.17
RF3 Mile Point: 2.51
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/68-10/19/70	9	6.	6.944	17.	2.5	23.715	4.87	2.5	2.75	10.	17.
00060	FLOW, STREAM, MEAN DAILY CFS	08/16/68-10/19/70	9	29.	65.256	243.	0.3	5897.313	76.794	0.3	17.	105.	243.
00080	COLOR (PLATINUM-COBALT UNITS)	05/19/69-10/19/70	8	7.	8.	15.	3.	19.143	4.375	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/68-10/19/70	9	81.	77.667	91.	55.	203.5	14.265	55.	62.	90.	91.
00400	PH (STANDARD UNITS)	08/16/68-10/19/70	9	6.8	6.844	7.4	6.4	0.138	0.371	6.4	6.45	7.15	7.4
00400	CONVERTED PH (STANDARD UNITS)	08/16/68-10/19/70	9	6.8	6.716	7.4	6.4	0.156	0.396	6.4	6.45	7.15	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/16/68-10/19/70	9	0.158	0.192	0.398	0.04	0.021	0.144	0.04	0.071	0.357	0.398
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/16/68-10/19/70	9	33.	31.667	43.	24.	39.5	6.285	24.	25.	35.5	43.
00440	BICARBONATE ION (MG/L AS HCO3)	08/16/68-10/19/70	9	40.	38.667	53.	29.	64.	8.	29.	30.	43.5	53.
00445	CARBONATE ION (MG/L AS CO3)	08/16/68-10/19/70	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/16/68-10/19/70	9	24.	24.222	34.	14.	29.444	5.426	14.	21.5	27.	34.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/16/68-10/19/70	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/16/68-10/19/70	9	7.	7.111	10.	5.3	2.121	1.456	5.3	5.9	8.	10.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/16/68-10/19/70	9	1.6	1.589	2.3	0.2	0.406	0.637	0.2	1.35	2.15	2.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/16/68-10/19/70	9	6.7	6.711	9.4	3.8	4.759	2.181	3.8	4.45	9.	9.4
00931	SODIUM ADSORPTION RATIO	08/16/68-10/19/70	9	0.5	0.589	0.8	0.4	0.034	0.183	0.4	0.4	0.8	0.8
00932	SODIUM, PERCENT	08/16/68-10/19/70	9	35.	36.	42.	29.	30.25	5.5	29.	30.5	41.5	42.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/16/68-10/19/70	9	0.6	0.589	0.8	0.3	0.026	0.162	0.3	0.45	0.7	0.8
00940	CHLORIDE,TOTAL IN WATER MG/L	08/16/68-10/19/70	9	0.4	0.433	1.	0.2	0.063	0.25	0.2	0.25	0.55	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/16/68-10/19/70	9	7.	7.222	12.	2.	10.194	3.193	2.	5.	10.	12.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/16/68-10/19/70	9	0.1	0.189	0.7	0.	0.049	0.22	0.	0.1	0.25	0.7
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/16/68-10/19/70	9	18.	18.778	27.	16.	10.944	3.308	16.	16.5	19.	27.
01020	BORON, DISSOLVED (UG/L AS B)	08/16/68-10/19/70	9	10.	1118.889	10000.	0.	11091786.111	3330.433	0.	0.	25.	10000.
01045	IRON, TOTAL (UG/L AS FE)	08/16/68-10/19/70	9	100.	101.111	170.	40.	1986.111	44.566	40.	60.	140.	170.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/68-07/20/70	8	65.	59.	76.	36.	240.	15.492	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/16/68-10/19/70	9	63.	61.889	77.	44.	124.361	11.152	44.	51.5	71.	77.
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/16/68-10/19/70	9	5.32	8.698	31.5	0.05	87.458	9.352	0.05	3.39	10.815	31.5
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/16/68-10/19/70	9	0.09	0.081	0.1	0.05	0.	0.02	0.05	0.06	0.1	0.1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/16/68-10/19/70	9	0.	0.078	0.3	0.	0.012	0.109	0.	0.	0.15	0.3

** - 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: YELL0154

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	9	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	9	3	0.33	1	1	1.00	2	0	0.00	3	0	0.00	3	2	0.67
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	9	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	9	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00

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

Station Inventory for Station: YELL0155

NPS Station ID: YELL0155 LAT/LON: 44.498059/ 110.416948 Agency: 112WRD Date Created: / /
Location: YELLOWSTONE LK NR SAND POINT YNP WYO FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06185975
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001045 RF1 Mile Point: 2.980 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10070001030900.00 RF3 Mile Point: 0.02 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/71-09/22/71	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/71-09/22/71	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/71-09/22/71	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/71-09/22/71	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/71-09/22/71	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/22/71-09/22/71	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/22/71-09/22/71	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/22/71-09/22/71	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/22/71-09/22/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/22/71-09/22/71	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/22/71-09/22/71	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/22/71-09/22/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/22/71-09/22/71	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/22/71-09/22/71	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/22/71-09/22/71	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/22/71-09/22/71	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/22/71-09/22/71	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/22/71-09/22/71	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/22/71-09/22/71	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/22/71-09/22/71	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/22/71-09/22/71	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/22/71-09/22/71	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/22/71-09/22/71	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/22/71-09/22/71	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/22/71-09/22/71	1	62.	62.	62.	62.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/22/71-09/22/71	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: YELL0155

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

& - 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: YELL0155

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0156

NPS Station ID: YELL0156 LAT/LON: 44.500559/ 110.367087 Agency: 11NPSYSP Date Created: 05/24/86
Location: YELLOWSTONE L. SE STEVENSON ISLAND OLI SITE FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100000000000061
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 78 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 17040101002000.00 RF3 Mile Point: 0.10 Distance from RF3: 0.00 On/Off RF3:
Description:
ELEVATION (m)= 2357 CAPACITY (m cubed)= 1.4 E10 DRAINAGE AREA (ha)= 261590 SURFACE AREA (ha)= 35400
AVERAGE DEPTH (m)=24.3 MAX DEPTH (m)=842.4 NATIVE CUTTHROAT AND LONGNOSE DACE, INTRODUCED LONGNOSE SUCKER, REDSIDE SHINERS, AND LAKE CHUB

Parameter Inventory for Station: YELL0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/78-09/27/84	21	11.8	10.862	17.	3.	19.036	4.363	3.1	7.75	14.25	16.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/24/78-09/27/84	21	8.2	8.156	12.	4.5	5.124	2.264	4.996	6.25	9.75	11.78
00080	COLOR (PLATINUM-COBALT UNITS)	05/24/78-09/27/84	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	05/24/78-09/27/84	22	0.	0.045	1.	0.	0.045	0.213	0.	0.	0.	0.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/78-09/27/84	21	84.	87.143	123.	72.	146.129	12.088	74.	80.	91.5	110.2
00400	PH (STANDARD UNITS)	05/24/78-09/27/84	21	7.4	7.333	7.6	7.2	0.012	0.111	7.2	7.2	7.4	7.4
00400	CONVERTED PH (STANDARD UNITS)	05/24/78-09/27/84	21	7.4	7.32	7.6	7.2	0.013	0.112	7.2	7.2	7.4	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/78-09/27/84	21	0.04	0.048	0.063	0.025	0.	0.012	0.04	0.04	0.063	0.063
00405	CARBON DIOXIDE (MG/L AS CO2)	05/24/78-09/27/84	22	7.9	11.523	37.	0.1	128.07	11.317	1.	2.875	17.	35.5
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/24/78-09/27/84	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	22	32.	31.455	48.	18.	47.117	6.864	21.2	27.75	36.	40.4
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	05/24/78-09/27/84	22	32.	31.455	48.	18.	47.117	6.864	21.2	27.75	36.	40.4
00440	BICARBONATE ION (MG/L AS HCO3)	05/24/78-09/27/84	22	39.	38.227	59.	22.	73.327	8.563	25.5	33.5	44.	49.4
00445	CARBONATE ION (MG/L AS CO3)	05/24/78-09/27/84	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/78-09/27/84	22	65.5	64.955	85.	45.	101.855	10.092	47.9	59.75	73.5	76.4
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/24/78-09/27/82	21	0.16	0.199	0.61	0.01	0.029	0.171	0.012	0.03	0.345	0.416
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/24/78-09/27/82	21	0.02	0.096	1.45	0.01	0.097	0.312	0.01	0.01	0.03	0.138
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/24/78-09/28/81	16	0.14	0.231	1.1	0.06	0.067	0.259	0.06	0.093	0.243	0.659
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/27/84	22	0.11	0.136	0.47	0.02	0.012	0.109	0.046	0.06	0.19	0.332
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/27/84	22	0.055	0.089	0.91	0.01	0.035	0.186	0.01	0.03	0.075	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/24/78-09/27/82	21	0.09	0.11	0.31	0.02	0.006	0.08	0.022	0.06	0.14	0.278
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/24/78-09/27/84	22	3.35	5.214	28.	0.2	39.41	6.278	1.26	1.9	4.825	15.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/78-09/27/84	22	24.	25.409	32.	12.	25.015	5.002	17.1	24.	30.	31.7
00916	CALCIUM, TOTAL (MG/L AS CA)	05/24/78-09/27/84	22	7.6	9.282	56.	3.2	111.363	10.553	4.3	6.2	8.	9.64
00920	MAGNESIUM (MG/L AS CACO3)	05/24/78-09/27/84	22	7.	7.923	15.	4.	12.055	3.472	4.	4.75	10.725	12.7
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/24/78-09/27/84	22	1.9	1.959	3.6	0.9	0.655	0.809	1.	1.2	2.6	3.11
00929	SODIUM, TOTAL (MG/L AS NA)	05/24/78-09/27/84	22	9.1	9.113	11.	7.8	0.59	0.768	7.96	8.76	9.425	10.
00937	POTASSIUM, TOTAL MG/L AS K)	05/24/78-09/27/84	22	1.65	1.551	2.1	0.17	0.239	0.489	0.69	1.45	1.9	2.058
00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/78-09/27/84	22	5.5	5.045	19.	1.	13.569	3.684	1.	2.75	6.	6.7
00945	SULFATE, TOTAL (MG/L AS SO4)	05/24/78-09/27/84	22	9.	9.273	12.	7.	2.684	1.638	7.	8.	11.	11.7

** - 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: YELL0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00951	FLUORIDE, TOTAL (MG/L AS F)	05/24/78-09/27/84	22	0.585	0.595	1.3	0.1	0.04	0.201	0.493	0.53	0.6	0.774
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/24/78-09/27/84	22	7.45	8.25	20.	1.7	23.363	4.833	2.79	4.	12.25	14.
01042	COPPER, TOTAL (UG/L AS CU)	05/24/78-09/27/84	22	100.	90.909	300.	10.	6189.61	78.674	10.	17.5	100.	240.
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	05/24/78-09/27/84	22	11.1	10.941	12.	6.7	1.13	1.063	10.33	10.7	11.425	12.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/24/78-09/27/84	22	0.11	0.12	0.31	0.02	0.006	0.08	0.023	0.06	0.13	0.285
71830	HYDROXIDE ION (MG/L AS OH)	05/24/78-09/27/84	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71875	HYDROGEN SULFIDE (MG/L)	09/27/84-09/27/84	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	05/24/78-09/27/84	22	50.	56.818	200.	50.	1022.727	31.98	50.	50.	50.	50.
74010	IRON, TOTAL (MG/L AS FE)	05/24/78-09/27/84	22	0.01	0.025	0.1	0.01	0.001	0.024	0.01	0.01	0.05	0.057
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/24/78-09/27/84	22	0.4	0.486	1.	0.2	0.062	0.249	0.2	0.275	0.625	0.9

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

EPA Water Quality Criteria Analysis for Station: YELL0156

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	21	0	0.00				2	0	0.00	8	0	0.00	11	0	0.00
		Other-Lo Lim.	6.5	21	0	0.00				2	0	0.00	8	0	0.00	11	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	21	0	0.00				3	0	0.00	8	0	0.00	10	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	22	0	0.00				3	0	0.00	8	0	0.00	11	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	22	0	0.00				3	0	0.00	8	0	0.00	11	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	22	17	0.77				3	3	1.00	8	6	0.75	11	8	0.73
		Drinking Water	1300.	22	0	0.00				3	0	0.00	8	0	0.00	11	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	22	0	0.00				3	0	0.00	8	0	0.00	11	0	0.00

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

Seasonal Analysis for Season #2: 4/16 to 6/15 - Station YELL0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/78-09/27/84	2	3.25	3.25	3.5	3.	0.125	0.354	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/24/78-09/27/84	2	5.335	5.335	5.8	4.87	0.432	0.658	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/24/78-09/27/84	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	05/24/78-09/27/84	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/78-09/27/84	2	87.5	87.5	93.	82.	60.5	7.778	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/78-09/27/84	2	7.25	7.25	7.3	7.2	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/78-09/27/84	2	7.247	7.247	7.3	7.2	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/78-09/27/84	2	0.057	0.057	0.063	0.05	0.	0.009	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/24/78-09/27/84	3	17.	19.1	37.	3.3	287.23	16.948	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/24/78-09/27/84	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	3	36.	36.333	41.	32.	20.333	4.509	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	05/24/78-09/27/84	3	36.	36.333	41.	32.	20.333	4.509	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/24/78-09/27/84	3	44.	44.333	50.	39.	30.333	5.508	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/24/78-09/27/84	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/78-09/27/84	3	70.	71.667	77.	68.	22.333	4.726	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/27/84	3	0.12	0.23	0.47	0.1	0.043	0.208	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/27/84	3	0.07	0.07	0.09	0.05	0.	0.02	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/24/78-09/27/84	3	3.8	5.967	10.5	3.6	15.423	3.927	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/78-09/27/84	3	29.	28.667	31.	26.	6.333	2.517	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	05/24/78-09/27/84	3	7.2	6.933	8.	5.6	1.493	1.222	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	05/24/78-09/27/84	3	13.	11.333	15.	6.	22.333	4.726	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/24/78-09/27/84	3	3.2	2.767	3.6	1.5	1.243	1.115	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	05/24/78-09/27/84	3	9.3	9.467	11.	8.1	2.123	1.457	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	05/24/78-09/27/84	3	1.3	1.167	1.6	0.6	0.263	0.513	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/78-09/27/84	3	2.	3.333	7.	1.	10.333	3.215	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/24/78-09/27/84	3	10.	9.333	11.	7.	4.333	2.082	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	05/24/78-09/27/84	3	0.56	0.55	0.6	0.49	0.003	0.056	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/24/78-09/27/84	3	12.	11.	13.	8.	7.	2.646	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/24/78-09/27/84	3	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	05/24/78-09/27/84	3	11.1	11.	11.5	10.4	0.31	0.557	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/24/78-09/27/84	3	0.16	0.19	0.31	0.1	0.012	0.108	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/24/78-09/27/84	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	05/24/78-09/27/84	3	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/24/78-09/27/84	3	0.01	0.013	0.02	0.01	0.	0.006	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/24/78-09/27/84	3	0.3	0.333	0.5	0.2	0.023	0.153	**	**	**	**

** - Less than 9 observations ## - Computed 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: 6/16 to 8/15 - Station YELL0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/78-09/27/84	8	12.9	10.85	17.	3.	24.794	4.979	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/24/78-09/27/84	8	7.	7.138	11.7	4.5	4.911	2.216	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/24/78-09/27/84	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	05/24/78-09/27/84	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/78-09/27/84	8	86.	89.5	123.	73.	213.143	14.599	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/78-09/27/84	8	7.3	7.3	7.4	7.2	0.011	0.107	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/78-09/27/84	8	7.289	7.289	7.4	7.2	0.012	0.108	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/78-09/27/84	8	0.051	0.051	0.063	0.04	0.	0.012	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/24/78-09/27/84	8	5.3	6.063	14.7	1.	19.437	4.409	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/24/78-09/27/84	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	8	30.	29.625	36.	20.	31.696	5.63	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	05/24/78-09/27/84	8	30.	29.625	36.	20.	31.696	5.63	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/24/78-09/27/84	8	36.	35.875	44.	24.	48.982	6.999	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/24/78-09/27/84	8	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: 6/16 to 8/15 - Station YELL0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/78-09/27/84	8	66.	63.5	75.	45.	121.714	11.032	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/27/84	8	0.09	0.12	0.22	0.04	0.005	0.074	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/27/84	8	0.06	0.059	0.1	0.01	0.002	0.039	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/24/78-09/27/84	8	3.15	3.413	8.1	1.2	4.216	2.053	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/78-09/27/84	8	24.	24.375	32.	15.	22.839	4.779	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	05/24/78-09/27/84	8	7.6	7.	8.	4.	2.149	1.466	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	05/24/78-09/27/84	8	6.	6.875	12.	4.	8.411	2.9	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/24/78-09/27/84	8	1.7	1.788	2.9	1.	0.396	0.629	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	05/24/78-09/27/84	8	9.1	8.95	10.	7.8	0.623	0.789	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	05/24/78-09/27/84	8	1.78	1.673	1.92	1.	0.091	0.301	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/78-09/27/84	8	6.	5.	6.	1.	3.143	1.773	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/24/78-09/27/84	8	9.5	9.5	12.	7.	3.143	1.773	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	05/24/78-09/27/84	8	0.6	0.679	1.3	0.5	0.071	0.266	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/24/78-09/27/84	8	8.45	8.525	14.	4.	20.871	4.568	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/24/78-09/27/84	8	100.	92.5	300.	10.	8878.571	94.226	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	05/24/78-09/27/84	8	10.95	10.513	11.5	6.7	2.473	1.572	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/24/78-09/27/84	8	0.09	0.114	0.25	0.02	0.005	0.073	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	05/24/78-09/27/84	8	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	05/24/78-09/27/84	8	50.	68.75	200.	50.	2812.5	53.033	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/24/78-09/27/84	8	0.02	0.029	0.06	0.01	0.	0.022	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/24/78-09/27/84	8	0.6	0.575	0.9	0.2	0.065	0.255	**	**	**	**

** - Less than 9 observations ## - Computed 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: 8/16 to 10/31 - Station YELL0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/78-09/27/84	11	11.8	12.255	17.	9.	6.983	2.642	9.1	9.5	15.	16.6
00078	TRANSPARENCY, SECCHI DISC (METERS)	05/24/78-09/27/84	11	9.1	9.409	12.	7.31	2.618	1.618	7.368	8.22	10.97	11.96
00080	COLOR (PLATINUM-COBALT UNITS)	05/24/78-09/27/84	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	05/24/78-09/27/84	11	0.	0.091	1.	0.	0.091	0.302	0.	0.	0.	0.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/78-09/27/84	11	82.	85.364	114.	72.	129.055	11.36	73.2	79.	91.	110.2
00400	PH (STANDARD UNITS)	05/24/78-09/27/84	11	7.4	7.373	7.6	7.2	0.012	0.11	7.2	7.3	7.4	7.56
00400	CONVERTED PH (STANDARD UNITS)	05/24/78-09/27/84	11	7.4	7.36	7.6	7.2	0.012	0.111	7.2	7.3	7.4	7.56
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/78-09/27/84	11	0.04	0.044	0.063	0.025	0.	0.011	0.028	0.04	0.05	0.063
00405	CARBON DIOXIDE (MG/L AS CO2)	05/24/78-09/27/84	11	13.	13.427	37.	0.1	152.83	12.362	0.28	2.5	20.	36.
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	05/24/78-09/27/84	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	11	32.	31.455	48.	18.	62.873	7.929	19.2	27.	36.	46.2
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/24/78-09/27/84	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	05/24/78-09/27/84	11	32.	31.455	48.	18.	62.873	7.929	19.2	27.	36.	46.2
00440	BICARBONATE ION (MG/L AS HCO3)	05/24/78-09/27/84	11	39.	38.273	59.	22.	98.018	9.9	23.4	32.	44.	56.8
00445	CARBONATE ION (MG/L AS CO3)	05/24/78-09/27/84	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/78-09/27/84	11	61.	64.182	85.	47.	108.364	10.41	48.6	59.	73.	83.
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/24/78-09/27/84	11	0.12	0.122	0.38	0.02	0.009	0.097	0.028	0.06	0.12	0.342
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/24/78-09/27/84	11	0.03	0.115	0.91	0.01	0.07	0.264	0.012	0.03	0.06	0.74
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/24/78-09/27/84	11	2.9	6.318	28.	0.2	72.618	8.522	0.44	1.5	6.1	25.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/78-09/27/84	11	24.	25.273	32.	12.	31.218	5.587	14.	23.	30.	31.6
00916	CALCIUM, TOTAL (MG/L AS CA)	05/24/78-09/27/84	11	8.	11.582	56.	3.2	220.42	14.847	3.56	6.4	8.8	46.8
00920	MAGNESIUM (MG/L AS CACO3)	05/24/78-09/27/84	11	8.	7.755	12.	4.	10.563	3.25	4.	4.	10.3	12.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/24/78-09/27/84	11	1.9	1.864	2.9	0.9	0.621	0.788	0.92	1.	2.5	2.9
00929	SODIUM, TOTAL (MG/L AS NA)	05/24/78-09/27/84	11	9.	9.135	10.	7.9	0.32	0.565	8.096	9.	9.3	10.
00937	POTASSIUM, TOTAL MG/L AS K)	05/24/78-09/27/84	11	1.6	1.567	2.1	0.17	0.329	0.573	0.316	1.52	1.96	2.1
00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/78-09/27/84	11	5.	5.545	19.	1.	23.073	4.803	1.2	3.	6.	16.4
00945	SULFATE, TOTAL (MG/L AS SO4)	05/24/78-09/27/84	11	9.	9.091	12.	7.	2.491	1.578	7.	8.	10.	11.8
00951	FLUORIDE, TOTAL (MG/L AS F)	05/24/78-09/27/84	11	0.57	0.545	0.76	0.1	0.026	0.161	0.186	0.53	0.6	0.73
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/24/78-09/27/84	11	6.4	7.3	20.	1.7	29.73	5.453	1.9	3.	8.6	18.8
01042	COPPER, TOTAL (UG/L AS CU)	05/24/78-09/27/84	11	100.	87.273	300.	10.	6741.818	82.109	10.	10.	100.	260.

** - Less than 9 observations ## - Computed 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: 8/16 to 10/31 - Station YELL0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	05/24/78-09/27/84	11	11.2	11.236	12.	10.3	0.337	0.58	10.38	10.7	12.	12.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/24/78-09/27/84	11	0.12	0.106	0.3	0.02	0.006	0.075	0.022	0.06	0.12	0.264
71830	HYDROXIDE ION (MG/L AS OH)	05/24/78-09/27/84	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	05/24/78-09/27/84	11	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
74010	IRON, TOTAL (MG/L AS FE)	05/24/78-09/27/84	11	0.01	0.026	0.1	0.01	0.001	0.029	0.01	0.01	0.05	0.09
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	05/24/78-09/27/84	11	0.4	0.464	1.	0.2	0.067	0.258	0.2	0.3	0.5	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

Station Inventory for Station: YELL0157

NPS Station ID: YELL0157 LAT/LON: 44.501615/ 110.834893 Agency: 11NPSYSP Date Created: 05/24/86
Location: GOOSENECK L. 2KM S. OF GOOSE LAKE W. OF NORRIS G FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 201800000000064
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 9 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007077 RF1 Mile Point: 0.240 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10020007007601.22 RF3 Mile Point: 1.61 Distance from RF3: 0.20 On/Off RF3:
Description:
ELEVATION (m)= 2237 CAPACITY (m cubed)= 82936 DRAINAGE AREA (ha)= 169 SURFACE AREA (ha)= 3.4
AVERAGE DEPTH (m)= 2.5 MAX DEPTH (m)= 3.7 INTRODUCED RAINBOW; SMALL ROBUST POPULATION OF EXOTIC RAINBOW TROUT.

Parameter Inventory for Station: YELL0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/79-08/12/79	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/12/79-08/12/79	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/79-08/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/12/79-08/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/12/79-08/12/79	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/12/79-08/12/79	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/12/79-08/12/79	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/12/79-08/12/79	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/12/79-08/12/79	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/79-08/12/79	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/12/79-08/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/12/79-08/12/79	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/12/79-08/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/12/79-08/12/79	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/12/79-08/12/79	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/12/79-08/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/12/79-08/12/79	1	115.	115.	115.	115.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/79-08/12/79	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/79-08/12/79	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/79-08/12/79	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/12/79-08/12/79	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/12/79-08/12/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/12/79-08/12/79	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/12/79-08/12/79	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/12/79-08/12/79	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/12/79-08/12/79	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/12/79-08/12/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/12/79-08/12/79	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/12/79-08/12/79	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/12/79-08/12/79	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/79-08/12/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/79-08/12/79	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/12/79-08/12/79	1	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/79-08/12/79	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/12/79-08/12/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/12/79-08/12/79	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/12/79-08/12/79	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/12/79-08/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/12/79-08/12/79	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/12/79-08/12/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/12/79-08/12/79	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0157

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0158

NPS Station ID: YELL0158 LAT/LON: 44.501615/ 110.834893 Agency: 11NPSYSP Date Created: 05/24/86
Location: UPPER GOOSENECK L. .8KM S. OF GOOSENECK L. W.NOR FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 201800000000065
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 6 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007077 RF1 Mile Point: 0.240 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10020007170900.00 RF3 Mile Point: 2.60 Distance from RF3: 0.02 On/Off RF3:
Description:
ELEVATION (m)=2240.3 CAPACITY (m cubed)= DRAINAGE AREA (ha)= 46 SURFACE AREA (ha)= .8
AVERAGE DEPTH (m)= MAX DEPTH (m)= 2.4 INTRODUCED RAINBOW;PRESUMED MIGRANTS FROM GOOSENECK LAKE.

Parameter Inventory for Station: YELL0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/79-08/12/79	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/12/79-08/12/79	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/79-08/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/12/79-08/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/12/79-08/12/79	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/12/79-08/12/79	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/12/79-08/12/79	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/79-08/12/79	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/12/79-08/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/12/79-08/12/79	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/12/79-08/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/12/79-08/12/79	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/12/79-08/12/79	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/12/79-08/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/12/79-08/12/79	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/79-08/12/79	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/79-08/12/79	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/79-08/12/79	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/12/79-08/12/79	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/12/79-08/12/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/12/79-08/12/79	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/12/79-08/12/79	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/12/79-08/12/79	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/12/79-08/12/79	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/12/79-08/12/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/12/79-08/12/79	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/12/79-08/12/79	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/12/79-08/12/79	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/79-08/12/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/79-08/12/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/12/79-08/12/79	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/79-08/12/79	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/12/79-08/12/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/12/79-08/12/79	1	11.4	11.4	11.4	11.4	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/12/79-08/12/79	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/12/79-08/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/12/79-08/12/79	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/12/79-08/12/79	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/12/79-08/12/79	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0158

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0159

NPS Station ID: YELL0159
LAT/LON: 44.504170/ 110.194448
Agency: 112WRD
Date Created: / /
Location: CUB C AT EAST ENTRANCE RD, YNP, WY
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06185970
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001114
RF1 Mile Point: 5.190
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10020008116400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/69-10/19/70	6	6.	7.25	14.	3.	20.575	4.536	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/19/69-10/19/70	6	5.	11.15	43.	0.9	263.375	16.229	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/19/69-10/19/70	6	7.5	7.167	12.	2.	16.167	4.021	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/19/69-10/19/70	6	88.5	91.833	143.	40.	2011.767	44.853	**	**	**	**
00400	PH (STANDARD UNITS)	05/19/69-10/19/70	6	7.2	7.217	7.8	6.6	0.186	0.431	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/19/69-10/19/70	6	7.155	7.047	7.8	6.6	0.22	0.469	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/19/69-10/19/70	6	0.07	0.09	0.251	0.016	0.008	0.087	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/19/69-10/19/70	6	42.5	44.333	71.	18.	511.867	22.624	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/19/69-10/19/70	6	52.	54.	86.	22.	754.	27.459	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/19/69-10/19/70	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/19/69-10/19/70	6	22.5	21.667	29.	13.	43.067	6.563	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/19/69-10/19/70	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/19/69-10/19/70	6	5.75	5.65	7.7	3.4	3.851	1.962	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/19/69-10/19/70	6	2.05	1.883	2.6	0.9	0.43	0.655	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/19/69-10/19/70	6	11.35	12.067	22.	2.9	72.663	8.524	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/19/69-10/19/70	6	1.05	1.05	1.8	0.3	0.427	0.653	**	**	**	**
00932	SODIUM, PERCENT	05/19/69-10/19/70	6	50.	48.	62.	32.	175.6	13.251	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/19/69-10/19/70	6	0.8	0.817	1.3	0.3	0.218	0.467	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/69-10/19/70	6	0.4	0.483	1.	0.2	0.082	0.286	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/19/69-10/19/70	6	3.	3.433	7.	0.8	6.711	2.59	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/19/69-10/19/70	6	0.25	0.267	0.5	0.	0.031	0.175	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/19/69-10/19/70	6	19.	19.667	26.	13.	27.067	5.203	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/19/69-10/19/70	6	5.	10.	30.	0.	160.	12.649	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/19/69-10/19/70	6	50.	60.	120.	20.	1760.	41.952	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/19/69-07/20/70	5	68.	74.8	106.	46.	729.2	27.004	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/19/69-10/19/70	6	68.5	70.667	106.	33.	1021.467	31.96	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/19/69-10/19/70	6	0.685	1.73	6.27	0.23	5.499	2.345	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/19/69-10/19/70	6	0.105	0.103	0.14	0.06	0.001	0.035	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/19/69-10/19/70	6	0.	0.05	0.2	0.	0.007	0.084	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0159

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	6	0	0.00				2	0	0.00	2	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00				2	0	0.00	2	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00				2	0	0.00	2	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00				2	0	0.00	2	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	6	0	0.00				2	0	0.00	2	0	0.00	2	0	0.00

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

Station Inventory for Station: YELL0160

NPS Station ID: YELL0160 LAT/LON: 44.516392/ 110.276115 Agency: 112WRD Date Created: / /
Location: YELLOWSTONE LK NR LAKE BUTTE YNP WYO FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06185980
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001056 RF1 Mile Point: 2.460 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10070001017600.03 RF3 Mile Point: 0.03 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/71-09/22/71	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/71-09/22/71	1	104.	104.	104.	104.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/71-09/22/71	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/71-09/22/71	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/71-09/22/71	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/22/71-09/22/71	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/22/71-09/22/71	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/22/71-09/22/71	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/22/71-09/22/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/22/71-09/22/71	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/22/71-09/22/71	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/22/71-09/22/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/22/71-09/22/71	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/22/71-09/22/71	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/22/71-09/22/71	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/22/71-09/22/71	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/22/71-09/22/71	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/22/71-09/22/71	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/22/71-09/22/71	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/22/71-09/22/71	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/22/71-09/22/71	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/22/71-09/22/71	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/22/71-09/22/71	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/22/71-09/22/71	1	20.	20.	20.	20.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/22/71-09/22/71	1	66.	66.	66.	66.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/22/71-09/22/71	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0160

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

& - 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: YELL0160

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0161

NPS Station ID: YELL0161
LAT/LON: 44.517781/ 110.851282
Agency: 11NPSYSP
Date Created: 07/07/90
Location: FAIRY CREEK BELOW FAIRY FALLS
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 201808030000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 9.00
On/Off RF1:
RF3 Index: 10020007024800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.18
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 479.04 STREAM LENGTH (km)= 2.63 % GRADIENT= 6.84
HIGHEST ELEVATION (m)=2389.6 LOWEST ELEVATION (m)=2209.8 I-BROOK TROUT BROWN TROUT

Parameter Inventory for Station: YELL0161

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: YELL0162

NPS Station ID: YELL0162
LAT/LON: 44.517781/ 110.851531
Agency: 11NPSYSP
Date Created: 07/07/90
Location: FAIRY CREEK BELOW FAIRY FALLS
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 201808000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 8.60
On/Off RF1:
RF3 Index: 10020007024800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.14
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 479.04 STREAM LENGTH (km)= 2.63 % GRADIENT= 6.84
HIGHEST ELEVATION (m)=2389.6 LOWEST ELEVATION (m)=2209.8 I-BROOK TROUT BROWN TROUT

Parameter Inventory for Station: YELL0162

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: YELL0163

NPS Station ID: YELL0163 LAT/LON: 44.518337/ 110.833892 Agency: 11NPSYSP Date Created: 07/07/90
Location: FIREHOLE RIVER ONE KM UP FROM GOOSE LAKE FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 201800000000003
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 2.10 On/Off RF1:
RF3 Index: 10020007170900.00 RF3 Mile Point: 0.99 Distance from RF3: 0.46 On/Off RF3:
Description:
STREAM ORDER= 5 WATERSHED SIZE (ha)=27017.01 STREAM LENGTH (km)= 28.31 % GRADIENT= 1.16
HIGHEST ELEVATION (m)=2532.9 LOWEST ELEVATION (m)=2205.2 I-BROWN TROUT RAINBOW TROUT

Parameter Inventory for Station: YELL0163

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: YELL0164

NPS Station ID: YELL0164 LAT/LON: 44.518337/ 110.851282 Agency: 11NPSYSP Date Created: 07/07/90
Location: FAIRY CREEK 200 YDS DOWNSTREAM OF TRAILHEAD FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 201808000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 2.70 On/Off RF1:
RF3 Index: 10020007098600.00 RF3 Mile Point: 0.00 Distance from RF3: 0.07 On/Off RF3:
Description:
2 946.1 4.06 4.95
2404.92203.7 I-BROOK TROUT BROWN TROUT

Parameter Inventory for Station: YELL0164

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: YELL0165

NPS Station ID: YELL0165
LAT/LON: 44.530004/ 110.433893
Agency: 112WRD
Date Created: / /
Location: BRIDGE CR NR FISHING BRIDGE YNP, WY
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06185985
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001044
RF1 Mile Point: 3.490
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001006401.09
RF3 Mile Point: 1.38
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-10/22/70	7	14.5	12.143	19.5	5.	39.56	6.29	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/22/69-10/22/70	7	0.5	1.729	9.	0.4	10.312	3.211	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/22/69-10/22/70	7	9.	21.357	70.	0.5	613.726	24.773	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/69-10/22/70	7	106.	95.143	113.	43.	623.81	24.976	**	**	**	**
00400	PH (STANDARD UNITS)	05/22/69-10/22/70	7	7.	6.9	7.4	6.4	0.147	0.383	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/22/69-10/22/70	7	7.	6.765	7.4	6.4	0.168	0.41	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/69-10/22/70	7	0.1	0.172	0.398	0.04	0.019	0.139	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/22/69-10/22/70	7	39.	35.714	42.	17.	76.571	8.751	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/22/69-10/22/70	7	48.	43.571	51.	21.	112.286	10.596	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/22/69-10/22/70	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/22/69-10/22/70	7	28.	25.571	30.	16.	23.619	4.86	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/22/69-10/22/70	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/22/69-10/22/70	7	6.9	7.086	9.2	4.5	2.851	1.689	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/22/69-10/22/70	7	1.7	1.957	2.8	1.2	0.34	0.583	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/22/69-10/22/70	7	10.	9.314	13.	2.3	13.268	3.643	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/22/69-10/22/70	7	0.9	0.786	1.1	0.2	0.091	0.302	**	**	**	**
00932	SODIUM, PERCENT	05/22/69-10/22/70	7	40.	38.571	46.	22.	70.619	8.404	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/22/69-10/22/70	7	4.	3.357	4.9	1.4	2.036	1.427	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/22/69-10/22/70	7	1.	0.971	2.	0.4	0.256	0.506	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/22/69-10/22/70	7	2.	2.114	4.	0.8	1.225	1.107	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/22/69-10/22/70	7	4.4	3.871	5.2	0.6	2.532	1.591	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/22/69-10/22/70	7	75.	66.286	83.	20.	485.905	22.043	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/22/69-10/22/70	7	10.	15.714	50.	0.	295.238	17.182	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/22/69-10/22/70	7	170.	210.	330.	140.	5100.	71.414	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/22/69-10/22/70	7	134.	127.143	152.	64.	898.476	29.975	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/69-10/22/70	7	132.	116.714	144.	42.	1302.238	36.087	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/69-10/22/70	7	0.2	0.389	1.57	0.13	0.274	0.524	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/22/69-10/22/70	7	0.18	0.174	0.21	0.09	0.002	0.04	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/69-10/22/70	7	0.	0.143	0.7	0.	0.066	0.257	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0165

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	7	2	0.29	1	0	0.00	2	1	0.50	2	0	0.00	2	1	0.50
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00

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

Station Inventory for Station: YELL0166

NPS Station ID: YELL0166 LAT/LON: 44.531115/ 110.825282 Agency: 112WRD Date Created: / /
Location: SPRING AT WHISKEY FLATS PICNIC AREA, YNP, WYO FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06036830
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020007076 RF1 Mile Point: 1.980 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10020007007805.47 RF3 Mile Point: 5.83 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/70-06/22/70	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	06/22/70-06/22/70	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/22/70-06/22/70	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/22/70-06/22/70	1	88.	88.	88.	88.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/22/70-06/22/70	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/22/70-06/22/70	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/22/70-06/22/70	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/22/70-06/22/70	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/22/70-06/22/70	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/22/70-06/22/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/22/70-06/22/70	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/22/70-06/22/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/22/70-06/22/70	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/22/70-06/22/70	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/22/70-06/22/70	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/22/70-06/22/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/22/70-06/22/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/22/70-06/22/70	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/22/70-06/22/70	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/22/70-06/22/70	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/22/70-06/22/70	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/22/70-06/22/70	1	61.	61.	61.	61.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/22/70-06/22/70	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/22/70-06/22/70	1	280.	280.	280.	280.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/22/70-06/22/70	1	134.	134.	134.	134.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/22/70-06/22/70	1	112.	112.	112.	112.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	06/22/70-06/22/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/22/70-06/22/70	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/22/70-06/22/70	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: YELL0166

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0167

NPS Station ID: YELL0167
LAT/LON: 44.533337/ 110.438893
Agency: 112WRD
Date Created: / /
Location: YELLOWSTONE LAKE AT BRIDGE BAY, YNP
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06186000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001044
RF1 Mile Point: 3.490
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 17040101017600.00
RF3 Mile Point: 0.77
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/16/64-06/16/64	1	101.	101.	101.	101.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/16/64-06/16/64	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/16/64-06/16/64	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/64-06/16/64	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/16/64-06/16/64	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/16/64-06/16/64	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/16/64-06/16/64	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/16/64-06/16/64	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/16/64-06/16/64	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/16/64-06/16/64	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/16/64-06/16/64	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/16/64-06/16/64	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/16/64-06/16/64	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/16/64-06/16/64	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/16/64-06/16/64	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/16/64-06/16/64	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/16/64-06/16/64	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/16/64-06/16/64	1	62.	62.	62.	62.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/16/64-06/16/64	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/16/64-06/16/64	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	06/16/64-06/16/64	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	06/16/64-06/16/64	1	20.	20.	20.	20.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0167

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0168

NPS Station ID: YELL0168 LAT/LON: 44.534227/ 110.500893 Agency: 11NPSYSP Date Created: 05/24/86
Location: DRYAD L. W.OF YELL.LAKE NEAR ELEPHANT BACK MT. FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 119700000000052
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 22 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 17.40 On/Off RF1:
RF3 Index: 10070001064400.00 RF3 Mile Point: 0.92 Distance from RF3: 0.35 On/Off RF3:
Description:
ELEVATION (m)= 2599 CAPACITY (m cubed)= 486911 DRAINAGE AREA (ha)= 568 SURFACE AREA (ha)= 18.1
AVERAGE DEPTH (m)= 2.7 MAX DEPTH (m)= 7.6 0 FISH; NEVER OFFICIALLY STOCKED, DUE TO SPORATIC INFLOW AND SHALLOW DEP
TH DOUBTFUL OVERWINTER SURVIVAL.

Parameter Inventory for Station: YELL0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/77-09/01/77	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/01/77-09/01/77	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/01/77-09/01/77	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/01/77-09/01/77	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/01/77-09/01/77	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/01/77-09/01/77	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/77-09/01/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/01/77-09/01/77	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/01/77-09/01/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/01/77-09/01/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/01/77-09/01/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/01/77-09/01/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/01/77-09/01/77	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/01/77-09/01/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/01/77-09/01/77	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/01/77-09/01/77	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/77-09/01/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/01/77-09/01/77	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	09/01/77-09/01/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/01/77-09/01/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/01/77-09/01/77	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/01/77-09/01/77	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/77-09/01/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/77-09/01/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/01/77-09/01/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/01/77-09/01/77	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	09/01/77-09/01/77	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/01/77-09/01/77	1	15.8	15.8	15.8	15.8	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/01/77-09/01/77	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/01/77-09/01/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/01/77-09/01/77	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/01/77-09/01/77	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0168

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0169

NPS Station ID: YELL0169
LAT/LON: 44.534310/ 110.834893
Agency: 11NPSYSP
Date Created: 05/24/86
Location: GOOSE L.2.3M FROM NORRIS GEYSER BASIN YNP
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 201800000000061
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 29
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020007076
RF1 Mile Point: 2.320
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10020007007216.85
RF3 Mile Point: 16.99
Distance from RF3: 0.26
On/Off RF3:
Description:
ELEVATION (m)= 2197 CAPACITY (m cubed)= 426070 DRAINAGE AREA (ha)= 335.9 SURFACE AREA (ha)= 13.7
AVERAGE DEPTH (m)=3.11 MAX DEPTH (m)= 9.4 INTRODUCED RAINBOW;SAMALL TROUT POPULATION, ALTHOUGH THEY ARE ABOVE AVER
AGE SIZE

Parameter Inventory for Station: YELL0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/79-10/12/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/79-10/12/79	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/12/79-10/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	10/12/79-10/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/79-10/12/79	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/79-10/12/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/79-10/12/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/79-10/12/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/12/79-10/12/79	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/12/79-10/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/12/79-10/12/79	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/12/79-10/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	10/12/79-10/12/79	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/12/79-10/12/79	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/12/79-10/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/79-10/12/79	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/79-10/12/79	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/12/79-10/12/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/79-10/12/79	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/79-10/12/79	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	10/12/79-10/12/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/79-10/12/79	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/79-10/12/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/12/79-10/12/79	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/12/79-10/12/79	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	10/12/79-10/12/79	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/12/79-10/12/79	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/12/79-10/12/79	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/12/79-10/12/79	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/12/79-10/12/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/79-10/12/79	1	4.	4.	4.	4.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00951	FLUORIDE, TOTAL (MG/L AS F)	10/12/79-10/12/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/12/79-10/12/79	1	57.	57.	57.	57.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/12/79-10/12/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	10/12/79-10/12/79	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/12/79-10/12/79	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	10/12/79-10/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/12/79-10/12/79	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	10/12/79-10/12/79	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/79-10/12/79	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: YELL0169

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0170

NPS Station ID: YELL0170 LAT/LON: 44.534503/ 110.818003 Agency: 11NPSYSP Date Created: 07/07/90
Location: FIREHOLE RIVER (REACH 4) NEAR FEATHER LAKE FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 201800000000004
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 1.20 On/Off RF1:
RF3 Index: 10020007007601.22 RF3 Mile Point: 2.67 Distance from RF3: 0.11 On/Off RF3:
Description:
529508.57 30.00 1.13
2532.92193.0 I-BROWN TROUT RAINBOW TROUT

Parameter Inventory for Station: YELL0170

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: YELL0171

NPS Station ID: YELL0171
LAT/LON: 44.534615/ 110.250976
Agency: 11NPSYSP
Date Created: 07/07/90
Location: BEAR CREEK 100 M FROM MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 108902000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.70
On/Off RF1:
RF3 Index: 10070001061100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.12
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 2457.23 STREAM LENGTH (km)= 9.95 % GRADIENT= 5.4
HIGHEST ELEVATION (m)=2926.1 LOWEST ELEVATION (m)=2388.7 NATIVE CUTTHROAT TROUT PRESENT. TURBID LAKE AT MOUTH IS GEOTHERMAL IN NATURE, CREATING A BARRIER.

Parameter Inventory for Station: YELL0171

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: YELL0172

NPS Station ID: YELL0172
LAT/LON: 44.541670/ 110.841670
Agency: 12WLS1
Date Created: 09/03/88
Location: GOOSE LAKE
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4D3-052
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 29
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 5.60
On/Off RF1:
RF3 Index: 17040203009000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/85-09/23/85	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/23/85-09/23/85	1	4.15	4.15	4.15	4.15	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/23/85-09/23/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/85-09/23/85	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/23/85-09/23/85	1	1.441	1.441	1.441	1.441	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/23/85-09/23/85	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/23/85-09/23/85	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/85-09/23/85	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/23/85-09/23/85	1	716.7	716.7	716.7	716.7	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/23/85-09/23/85	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/23/85-09/23/85	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/23/85-09/23/85	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/23/85-09/23/85	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/85-09/23/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/85-09/23/85	1	13.57	13.57	13.57	13.57	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/85-09/23/85	1	2.03	2.03	2.03	2.03	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/23/85-09/23/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/85-09/23/85	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/85-09/23/85	1	73.4	73.4	73.4	73.4	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/23/85-09/23/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/23/85-09/23/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/23/85-09/23/85	1	0.155	0.155	0.155	0.155	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/23/85-09/23/85	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/23/85-09/23/85	1	45.	45.	45.	45.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/23/85-09/23/85	1	7214.4	7214.4	7214.4	7214.4	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/23/85-09/23/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/23/85-09/23/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0172

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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: YELL0172

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00										1	0	0.00
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
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0173

NPS Station ID: YELL0173
LAT/LON: 44.544448/ 110.808337
Agency: 112WRD
Date Created: / /
Location: TANGLED CR NR FOUNTAIN P.P. YNP, WY
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06036840
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10020007169400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/68-10/15/68	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/68-10/15/68	1	539.	539.	539.	539.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/15/68-10/15/68	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/15/68-10/15/68	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/68-10/15/68	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/15/68-10/15/68	1	139.	139.	139.	139.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/15/68-10/15/68	1	169.	169.	169.	169.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/15/68-10/15/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/68-10/15/68	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/15/68-10/15/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/15/68-10/15/68	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/15/68-10/15/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/15/68-10/15/68	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/15/68-10/15/68	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/15/68-10/15/68	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/15/68-10/15/68	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/15/68-10/15/68	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/15/68-10/15/68	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/15/68-10/15/68	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/15/68-10/15/68	1	132.	132.	132.	132.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/15/68-10/15/68	1	570.	570.	570.	570.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/15/68-10/15/68	1	20.	20.	20.	20.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/15/68-10/15/68	1	424.	424.	424.	424.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/15/68-10/15/68	1	0.58	0.58	0.58	0.58	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/15/68-10/15/68	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: YELL0173

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

& - 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: YELL0173

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0174

NPS Station ID: YELL0174 LAT/LON: 44.550004/ 110.284476 Agency: 11NPSYSP Date Created: 05/24/86
Location: BEACH SPRINGS L. E.ENTR.RD YNP 7.2KM LAKE JUNCTI FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 108800000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 39 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001057 RF1 Mile Point: 2.460 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10070001006100.00 RF3 Mile Point: 1.83 Distance from RF3: 0.25 On/Off RF3:
Description:
ELEVATION (m)=2361 CAPACITY (m cubed)=118428 DRAINAGE AREA (ha)= 187 SURFACE AREA (ha)= 16.3
AVERAGE DEPTH (m)= .7 MAX DEPTH (m)= 12.5 INTRODUCED REDSIDE SHINERS; HEALTHY THRIVING UNOFFICIALLY STOCKED POPULA
TION.

Parameter Inventory for Station: YELL0174

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/07/79-08/07/79	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/07/79-08/07/79	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/07/79-08/07/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/07/79-08/07/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/07/79-08/07/79	1	470.	470.	470.	470.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/07/79-08/07/79	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/07/79-08/07/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/07/79-08/07/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/79-08/07/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/07/79-08/07/79	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/07/79-08/07/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/07/79-08/07/79	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/07/79-08/07/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/07/79-08/07/79	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/07/79-08/07/79	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/07/79-08/07/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/07/79-08/07/79	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/07/79-08/07/79	1	1.03	1.03	1.03	1.03	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/79-08/07/79	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/07/79-08/07/79	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/07/79-08/07/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/07/79-08/07/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/79-08/07/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/07/79-08/07/79	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/07/79-08/07/79	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/07/79-08/07/79	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/07/79-08/07/79	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/07/79-08/07/79	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/07/79-08/07/79	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/07/79-08/07/79	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/07/79-08/07/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0174

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	08/07/79-08/07/79	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/07/79-08/07/79	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/07/79-08/07/79	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/07/79-08/07/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/07/79-08/07/79	1	10.6	10.6	10.6	10.6	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/07/79-08/07/79	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/07/79-08/07/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/07/79-08/07/79	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/07/79-08/07/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/07/79-08/07/79	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0174

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	1	1.00							1	1	1.00			
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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0175

NPS Station ID: YELL0175 LAT/LON: 44.550448/ 110.250448 Agency: 11NPSYSP Date Created: 07/07/90
Location: SEDGE CREEK AT FOREST EDGE ABOVE TURBID LAKE FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 108900000000002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 1.70 On/Off RF1:
RF3 Index: 10070001011800.00 RF3 Mile Point: 0.00 Distance from RF3: 0.12 On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1008.1 STREAM LENGTH (km)= 12.7 % GRADIENT= 2.78
HIGHEST ELEVATION (m)=2767.6 LOWEST ELEVATION (m)= 2414 NATIVE CUTTHROAT

Parameter Inventory for Station: YELL0175

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: YELL0176

NPS Station ID: YELL0176 LAT/LON: 44.550698/ 110.250560 Agency: 11NPSYSP Date Created: 07/07/90
Location: SEDGE CREEK AT CONFLUENCE WITH TURBID LAKE FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 108900000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 4.90 On/Off RF1:
RF3 Index: 10070001012200.00 RF3 Mile Point: 2.48 Distance from RF3: 0.45 On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1071.12 STREAM LENGTH (km)= 12.6 % GRADIENT= 2.99
HIGHEST ELEVATION (m)=2767.6 LOWEST ELEVATION (m)=2389.6 NATIVE CUTTHROAT

Parameter Inventory for Station: YELL0176

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: YELL0177

NPS Station ID: YELL0177 LAT/LON: 44.550920/ 110.317365 Agency: 11NPSYSP Date Created: 05/24/86
Location: SQUAW L.(INDIAN POND)4.5KM FROM FISHING BRIDGE FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 108700000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 62 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001057 RF1 Mile Point: 3.940 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10070001012500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:
ELEVATION (m)=2371.3 CAPACITY (m cubed)= 8887333 DRAINAGE AREA (ha)= 16 SURFACE AREA (ha)= 9.8
AVERAGE DEPTH (m)= 9.0 MAX DEPTH (m)= 19.7 INTRODUCED CUTTHROAT, LAKE CHUB, LONGNOSE SUCKERS, AND REDSIDE SHINERS;
REDSIDE SHINERS ARE THE PREDOMINANT SPECIES.

Parameter Inventory for Station: YELL0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/79-07/18/81	2	14.45	14.45	17.8	11.1	22.445	4.738	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/16/79-07/18/81	2	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/16/79-07/18/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	10/16/79-07/18/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/79-07/18/81	2	1175.	1175.	1250.	1100.	11250.	106.066	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/18/81-07/18/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/79-07/18/81	2	7.7	7.7	8.	7.4	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/79-07/18/81	2	7.604	7.604	8.	7.4	0.199	0.446	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/79-07/18/81	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/16/79-07/18/81	2	24.	24.	26.	22.	8.	2.828	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/16/79-07/18/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/16/79-07/18/81	2	93.	93.	102.	84.	162.	12.728	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/16/79-07/18/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	10/16/79-07/18/81	2	93.	93.	102.	84.	162.	12.728	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/16/79-07/18/81	2	113.	113.	124.	102.	242.	15.556	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/16/79-07/18/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/16/79-07/18/81	2	700.5	700.5	714.	687.	364.5	19.092	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/16/79-07/18/81	2	0.765	0.765	0.83	0.7	0.008	0.092	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/16/79-07/18/81	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/79-07/18/81	2	1.95	1.95	2.2	1.7	0.125	0.354	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/16/79-07/18/81	2	1.85	1.85	2.2	1.5	0.245	0.495	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	10/16/79-07/18/81	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/16/79-07/18/81	2	1.75	1.75	2.1	1.4	0.245	0.495	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/16/79-07/18/81	2	8.85	8.85	9.7	8.	1.445	1.202	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/16/79-07/18/81	2	51.	51.	54.	48.	18.	4.243	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/16/79-07/18/81	2	13.	13.	14.	12.	2.	1.414	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	10/16/79-07/18/81	2	18.	18.	18.	18.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/16/79-07/18/81	2	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/16/79-07/18/81	2	203.	203.	205.	201.	8.	2.828	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/16/79-07/18/81	2	9.95	9.95	11.	8.9	2.205	1.485	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/16/79-07/18/81	2	286.	286.	292.	280.	72.	8.485	**	**	**	**

** - Less than 9 observations ## - 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: YELL0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	10/16/79-07/18/81	2	16.5	16.5	26.	7.	180.5	13.435	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	10/16/79-07/18/81	2	7.15	7.15	7.8	6.5	0.845	0.919	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/16/79-07/18/81	2	41.5	41.5	46.	37.	40.5	6.364	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/16/79-07/18/81	2	150.	150.	200.	100.	5000.	70.711	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	10/16/79-07/18/81	2	9.7	9.7	9.9	9.5	0.08	0.283	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/79-07/18/81	2	1.95	1.95	2.2	1.7	0.125	0.354	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	10/16/79-07/18/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/16/79-07/18/81	2	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	10/16/79-07/18/81	2	0.16	0.16	0.17	0.15	0.	0.014	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/16/79-07/18/81	2	4.65	4.65	6.4	2.9	6.125	2.475	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0177

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00							1	0	0.00	1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00							1	1	1.00	1	1	1.00
		Drinking Water	1300.	2	0	0.00							1	0	0.00	1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00							1	0	0.00	1	0	0.00

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

Station Inventory for Station: YELL0178

NPS Station ID: YELL0178 LAT/LON: 44.562781/ 110.840559 Agency: 112WRD Date Created: / /
Location: FAIRY CR NR FOUNTAIN PAINT POT YNP, WY FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06036860
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020007074 RF1 Mile Point: 0.904 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10020007168501.80 RF3 Mile Point: 1.79 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0178

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/69-10/13/69	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/13/69-10/13/69	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/13/69-10/13/69	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/13/69-10/13/69	1	699.	699.	699.	699.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/69-10/13/69	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/13/69-10/13/69	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/69-10/13/69	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/69-10/13/69	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/13/69-10/13/69	1	183.	183.	183.	183.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/13/69-10/13/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/13/69-10/13/69	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/13/69-10/13/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/13/69-10/13/69	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/13/69-10/13/69	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/13/69-10/13/69	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/13/69-10/13/69	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/13/69-10/13/69	1	93.	93.	93.	93.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/13/69-10/13/69	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/13/69-10/13/69	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/69-10/13/69	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/13/69-10/13/69	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/13/69-10/13/69	1	103.	103.	103.	103.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/13/69-10/13/69	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/13/69-10/13/69	1	160.	160.	160.	160.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/13/69-10/13/69	1	510.	510.	510.	510.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/13/69-10/13/69	1	486.	486.	486.	486.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/13/69-10/13/69	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/13/69-10/13/69	1	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/13/69-10/13/69	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: YELL0178

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0179

NPS Station ID: YELL0179 LAT/LON: 44.566670/ 110.380559 Agency: 112WRD Date Created: 01/26/80
Location: YELLOWSTONE RIVER AT FISHING BRIDGE YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 443400110225001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001042 RF1 Mile Point: 8.310 Distance from RF1: 6.20 On/Off RF1: ON
RF3 Index: 10070001062400.00 RF3 Mile Point: 0.29 Distance from RF3: 0.14 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/79-08/22/79	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/79-08/22/79	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/79-08/22/79	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/79-08/22/79	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/79-08/22/79	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/22/79-08/22/79	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/79-08/22/79	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/22/79-08/22/79	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/22/79-08/22/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/22/79-08/22/79	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/79-08/22/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/22/79-08/22/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/22/79-08/22/79	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/79-08/22/79	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/79-08/22/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/79-08/22/79	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/79-08/22/79	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/79-08/22/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/22/79-08/22/79	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/22/79-08/22/79	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/22/79-08/22/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/79-08/22/79	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/79-08/22/79	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/79-08/22/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/79-08/22/79	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/79-08/22/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/79-08/22/79	1	20.	20.	20.	20.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/79-08/22/79	1	62.	62.	62.	62.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/79-08/22/79	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/22/79-08/22/79	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0179

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0180

NPS Station ID: YELL0180
LAT/LON: 44.566781/ 110.368282
Agency: 11NPSYSP
Date Created: 07/07/90
Location: YELLOWSTONE AT FISHING BRIDGE
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100000000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.80
On/Off RF1:
RF3 Index: 17040101001710.08
RF3 Mile Point: 10.53
Distance from RF3: 0.02
On/Off RF3:
Description:
STREAM ORDER= 6 WATERSHED SIZE (ha)=256644.5 STREAM LENGTH (km)= 146.8 % GRADIENT= .64
HIGHEST ELEVATION (m)=3304.0 LOWEST ELEVATION (m)=2389.6 NATIVE CUTTHROAT WITH A THERMAL INFLUENCE

Parameter Inventory for Station: YELL0180

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: YELL0181

NPS Station ID: YELL0181 LAT/LON: 44.567226/ 110.842504 Agency: 112WRD Date Created: / /
Location: SENTINEL CR NR FOUNTAIN PAINT POT YNP, WY FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06036865
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020007074 RF1 Mile Point: 0.770 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10020007007600.17 RF3 Mile Point: 0.17 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/69-10/13/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/13/69-10/13/69	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/13/69-10/13/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/13/69-10/13/69	1	247.	247.	247.	247.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/13/69-10/13/69	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/13/69-10/13/69	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/13/69-10/13/69	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/69-10/13/69	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/13/69-10/13/69	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/13/69-10/13/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/13/69-10/13/69	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/13/69-10/13/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/13/69-10/13/69	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/13/69-10/13/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/13/69-10/13/69	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/13/69-10/13/69	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/13/69-10/13/69	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/13/69-10/13/69	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/13/69-10/13/69	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/69-10/13/69	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/13/69-10/13/69	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/13/69-10/13/69	1	68.	68.	68.	68.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/13/69-10/13/69	1	280.	280.	280.	280.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/13/69-10/13/69	1	780.	780.	780.	780.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/13/69-10/13/69	1	202.	202.	202.	202.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/13/69-10/13/69	1	202.	202.	202.	202.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/13/69-10/13/69	1	4.69	4.69	4.69	4.69	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/13/69-10/13/69	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/13/69-10/13/69	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: YELL0181

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0182

NPS Station ID: YELL0182
LAT/LON: 44.567476/ 110.801615
Agency: 11NPSYSP
Date Created: 07/07/90
Location: NEZ PERCE CR. AT HIGHWAY BRIDGE
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 201806000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 6.00
On/Off RF1:
RF3 Index: 10020007107100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.08
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)=23627.60 STREAM LENGTH (km)= 22.2 % GRADIENT= 1.65
HIGHEST ELEVATION (m)=2560.3 LOWEST ELEVATION (m)=2194.6 INTRODUCED BROOK, BROWN, AND RAINBOW TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0182

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: YELL0183

NPS Station ID: YELL0183
LAT/LON: 44.567503/ 110.380003
Agency: 112WRD
Date Created: / /
Location: YELLOWSTONE RIVER AT YELLOWSTONE LK OUTLET, YNP
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06186500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10070001007800.00
RF3 Mile Point: 5.32
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/70-09/10/92	61	6.	6.787	18.	0.	33.92	5.824	0.1	1.	11.25	16.
00060	FLOW, STREAM, MEAN DAILY CFS	10/19/70-02/29/84	2	770.	770.	950.	590.	64800.	254.558	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/18/76-09/10/92	58	867.5	1541.19	7310.	206.	2222861.034	1490.926	388.7	578.5	2012.5	4128.
00065	STAGE, STREAM (FEET)	10/02/90-09/10/92	16	3.06	3.496	6.85	2.29	1.47	1.213	2.339	2.693	4.403	5.436
00080	COLOR (PLATINUM-COBALT UNITS)	10/19/70-10/19/70	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/70-09/10/92	61	98.	98.82	120.	76.	55.95	7.48	90.	95.	103.	106.8
00300	OXYGEN, DISSOLVED MG/L	09/18/76-09/18/76	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/70-09/18/76	2	7.1	7.1	7.7	6.5	0.72	0.849	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/70-09/18/76	2	6.774	6.774	7.7	6.5	0.932	0.965	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/70-09/18/76	2	0.168	0.168	0.316	0.02	0.044	0.209	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/18/76-09/18/76	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/70-09/18/76	2	29.5	29.5	30.	29.	0.5	0.707	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/19/70-09/18/76	2	36.	36.	37.	35.	2.	1.414	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/19/70-09/18/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/76-09/18/76	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/76-09/18/76	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/76-09/18/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/18/76-09/18/76	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/70-09/18/76	2	23.	23.	23.	23.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/70-09/18/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/70-09/18/76	2	5.4	5.4	5.5	5.3	0.02	0.141	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/70-09/18/76	2	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/70-09/18/76	2	9.35	9.35	9.6	9.1	0.125	0.354	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/70-09/18/76	2	0.85	0.85	0.9	0.8	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	10/19/70-09/18/76	2	44.5	44.5	45.	44.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/70-09/18/76	2	1.8	1.8	1.9	1.7	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/70-10/09/84	7	5.	5.	6.	4.	0.333	0.577	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/70-09/18/76	2	9.	9.	10.	8.	2.	1.414	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/70-09/18/76	2	0.75	0.75	0.9	0.6	0.045	0.212	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/70-09/18/76	2	10.	10.	10.	10.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/19/70-10/19/70	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/19/70-10/19/70	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/18/76-09/18/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/18/76-09/18/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/18/76-09/18/76	1	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/19/70-09/18/76	2	61.5	61.5	64.	59.	12.5	3.536	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/70-09/18/76	2	194.5	194.5	238.	151.	3784.5	61.518	**	**	**	**

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

Parameter Inventory for Station: YELL0183

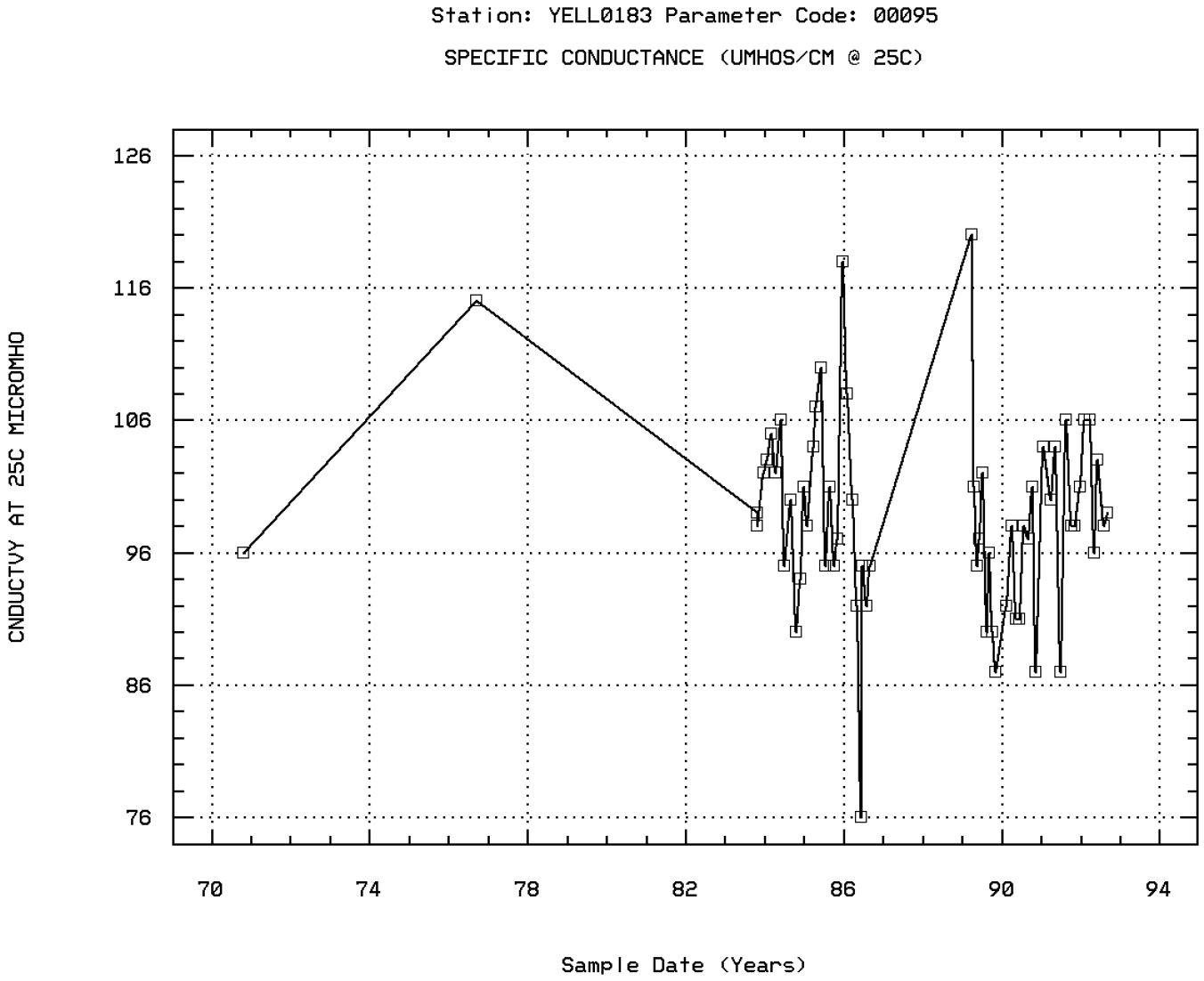
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/70-09/18/76	2	0.085	0.085	0.09	0.08	0.	0.007	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/19/70-10/19/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - 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: YELL0183

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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.	7	0	0.00	2	0	0.00	1	0	0.00				4	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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



YELLOWSTONE RIVER AT YELLOWSTONE LK OUT

Seasonal Analysis for Season #1: 11/01 to 4/15 - Station YELL0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/70-09/10/92	25	1.	1.6	8.5	0.	4.375	2.092	0.	0.25	2.25	4.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/18/76-09/10/92	23	560.	542.87	993.	206.	31696.846	178.036	270.6	389.	605.	787.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/70-09/10/92	25	101.	101.2	120.	87.	56.833	7.539	90.	98.	104.5	112.

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

Seasonal Analysis for Season #2: 4/16 to 6/15 - Station YELL0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/70-09/10/92	12	6.	5.75	11.	2.	8.568	2.927	2.	3.25	7.75	10.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/18/76-09/10/92	12	1550.	1964.083	5440.	533.	2034691.72	1426.426	571.7	860.5	2847.5	4744.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/70-09/10/92	12	96.5	97.333	110.	76.	88.788	9.423	80.5	91.25	105.5	109.1

** - 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: 6/16 to 8/15 - Station YELL0183

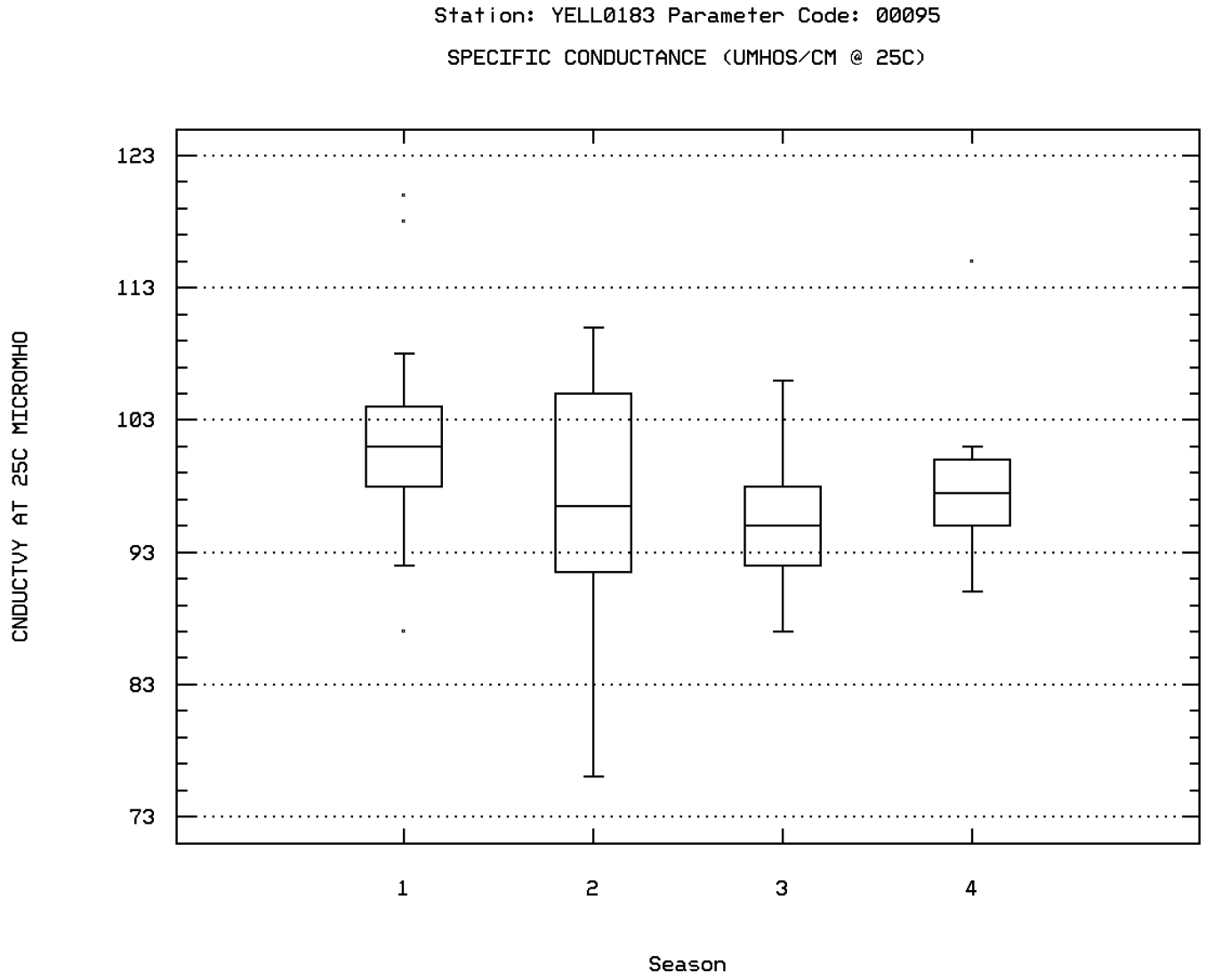
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/70-09/10/92	10	15.	14.05	18.	7.	13.303	3.647	7.35	10.5	16.875	18.
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/18/76-09/10/92	10	3590.	3735.	7310.	1960.	2955383.333	1719.123	1964.	2037.5	4650.	7119.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/70-09/10/92	10	95.	95.8	106.	87.	31.067	5.574	87.3	91.5	99.	105.6

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

Seasonal Analysis for Season #4: 8/16 to 10/31 - Station YELL0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/70-09/10/92	14	11.75	11.75	17.	6.	12.183	3.49	6.75	9.125	14.75	17.
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/18/76-09/10/92	13	1120.	1229.538	2330.	762.	213845.769	462.435	784.8	858.	1405.	2142.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/70-09/10/92	14	97.5	98.	115.	90.	36.	6.	90.	95.	100.25	108.

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



YELLOWSTONE RIVER AT YELLOWSTONE LK OUT

Station Inventory for Station: YELL0184

NPS Station ID: YELL0184 LAT/LON: 44.567503/ 110.380003 Agency: 112WRD Date Created: 10/26/78
Location: YELLOWSTONE RIVER AT FISHING BRIDGE YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 443403110224801
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001042 RF1 Mile Point: 8.310 Distance from RF1: 6.60 On/Off RF1: ON
RF3 Index: 10070001062400.00 RF3 Mile Point: 0.32 Distance from RF3: 0.32 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/78-08/12/85	9	13.5	13.056	18.	7.	11.84	3.441	7.	10.5	15.75	18.
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/29/80-08/28/82	4	2750.	2245.	3100.	380.	1614766.667	1270.735	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/78-08/12/85	9	85.	83.333	90.	65.	75.	8.66	65.	77.5	90.	90.
00400	PH (STANDARD UNITS)	08/17/78-07/22/81	3	7.7	7.5	7.9	6.9	0.28	0.529	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/17/78-07/22/81	3	7.7	7.277	7.9	6.9	0.354	0.595	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/78-07/22/81	3	0.02	0.053	0.126	0.013	0.004	0.063	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/22/81-07/22/81	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/22/81-07/22/81	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/22/81-07/22/81	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/78-08/17/78	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/17/78-08/29/80	2	26.5	26.5	27.	26.	0.5	0.707	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/17/78-08/17/78	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/17/78-08/17/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/22/81-07/22/81	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/17/78-07/22/81	2	0.73	0.73	0.97	0.49	0.115	0.339	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/17/78-08/12/85	9 ##	0.05	0.046	0.1	0.	0.001	0.028	0.	0.03	0.05	0.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/17/78-07/22/81	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/17/78-07/22/81	2	1.95	1.95	2.4	1.5	0.405	0.636	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/78-07/22/81	3	24.	23.	24.	21.	3.	1.732	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/17/78-08/29/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/78-07/22/81	3	5.4	5.433	6.	4.9	0.303	0.551	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/78-07/22/81	3	2.3	2.367	2.6	2.2	0.043	0.208	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/78-07/22/81	3	9.4	9.833	11.	9.1	1.043	1.021	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/17/78-07/22/81	3	0.9	0.9	1.	0.8	0.01	0.1	**	**	**	**
00932	SODIUM, PERCENT	08/17/78-07/22/81	3	46.	45.333	47.	43.	4.333	2.082	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/78-07/22/81	3	1.8	1.733	1.8	1.6	0.013	0.115	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/78-08/12/85	9	5.	4.667	5.	4.	0.25	0.5	4.	4.	5.	5.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/78-07/22/81	3	6.	7.	10.	5.	7.	2.646	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/17/78-07/22/81	3	0.6	0.6	0.7	0.5	0.01	0.1	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/78-07/22/81	3	10.	10.667	12.	10.	1.333	1.155	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/25/83-08/25/83	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/17/78-07/22/81	3	20.	20.	30.	10.	100.	10.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/29/80-07/22/81	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/17/78-07/22/81	3	56.	57.333	64.	52.	37.333	6.11	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/29/80-07/22/81	2	239.25	239.25	421.	57.5	66066.125	257.033	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/17/78-07/22/81	3	0.08	0.08	0.09	0.07	0.	0.01	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/22/81-07/22/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/22/81-07/22/81	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/22/81-07/22/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0184

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	3	0	0.00							1	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00							1	0	0.00	2	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	9	0	0.00				2	0	0.00	2	0	0.00	5	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00				2	0	0.00	2	0	0.00	5	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00							1	0	0.00	2	0	0.00

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

Station Inventory for Station: YELL0185

NPS Station ID: YELL0185
LAT/LON: 44.567782/ 110.254449
Agency: 112WRD
Date Created: / /
Location: PELICAN C. BL ASTRINGENT C, YNP, WY
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06186493
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10070001011400.00
RF3 Mile Point: 4.53
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/69-08/19/69	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/19/69-08/19/69	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/19/69-08/19/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/69-08/19/69	1	425.	425.	425.	425.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/19/69-08/19/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/19/69-08/19/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/69-08/19/69	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/69-08/19/69	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/19/69-08/19/69	1	132.	132.	132.	132.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/19/69-08/19/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/69-08/19/69	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/69-08/19/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/69-08/19/69	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/69-08/19/69	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/69-08/19/69	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/19/69-08/19/69	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/19/69-08/19/69	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/69-08/19/69	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/69-08/19/69	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/69-08/19/69	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/69-08/19/69	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/69-08/19/69	1	66.	66.	66.	66.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/19/69-08/19/69	1	970.	970.	970.	970.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/69-08/19/69	1	312.	312.	312.	312.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/69-08/19/69	1	332.	332.	332.	332.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/19/69-08/19/69	1	18.5	18.5	18.5	18.5	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/69-08/19/69	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/69-08/19/69	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: YELL0185

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0185

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0186

NPS Station ID: YELL0186
LAT/LON: 44.576115/ 110.254449
Agency: 112WRD
Date Created: / /
Location: PELICAN C BL ASTRINGENT C. YNP, WYO.
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06185993
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001120
RF1 Mile Point: 8.330
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001019800.00
RF3 Mile Point: 0.71
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/69-08/19/69	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/19/69-08/19/69	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/19/69-08/19/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/69-08/19/69	1	425.	425.	425.	425.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/19/69-08/19/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/19/69-08/19/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/69-08/19/69	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/69-08/19/69	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/19/69-08/19/69	1	132.	132.	132.	132.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/19/69-08/19/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/69-08/19/69	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/69-08/19/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/69-08/19/69	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/69-08/19/69	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/69-08/19/69	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/19/69-08/19/69	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/19/69-08/19/69	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/69-08/19/69	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/69-08/19/69	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/69-08/19/69	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/69-08/19/69	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/69-08/19/69	1	66.	66.	66.	66.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/19/69-08/19/69	1	970.	970.	970.	970.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/69-08/19/69	1	312.	312.	312.	312.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/69-08/19/69	1	332.	332.	332.	332.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/19/69-08/19/69	1	18.5	18.5	18.5	18.5	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/69-08/19/69	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/69-08/19/69	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: YELL0186

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0186

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0187

NPS Station ID: YELL0187
LAT/LON: 44.579448/ 110.375005
Agency: 112WRD
Date Created: 01/25/77
Location: YELLOWSTONE RIVER BEL FISHING BRIDGE
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 443446110223001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001042
RF1 Mile Point: 6.820
Distance from RF1: 6.40
On/Off RF1: ON
RF3 Index: 17040101007200.00
RF3 Mile Point: 0.91
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-08/12/85	11	14.5	14.227	19.5	9.5	7.018	2.649	9.9	12.5	15.5	18.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/29/80-08/28/82	4	2750.	2245.	3100.	380.	1614766.667	1270.735	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-08/12/85	11	87.	86.727	115.	65.	150.018	12.248	67.	80.	90.	110.
00300	OXYGEN, DISSOLVED MG/L	09/18/76-09/18/76	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/18/76-07/22/81	5	7.8	7.58	8.3	6.9	0.417	0.646	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/18/76-07/22/81	5	7.8	7.248	8.3	6.9	0.555	0.745	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/76-07/22/81	5	0.016	0.057	0.126	0.005	0.004	0.063	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/22/81-08/21/84	2	7.65	7.65	8.1	7.2	0.405	0.636	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/22/81-08/21/84	2	7.45	7.45	8.1	7.2	0.485	0.697	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/22/81-08/21/84	2	0.036	0.036	0.063	0.008	0.002	0.039	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/18/76-08/22/79	3	5.6	4.267	6.6	0.6	10.333	3.215	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/18/76-08/29/80	4	27.	26.75	30.	23.	8.25	2.872	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/18/76-08/22/79	3	33.	32.667	37.	28.	20.333	4.509	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/18/76-08/22/79	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/22/81-07/22/81	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/76-07/22/81	4	0.475	0.45	0.81	0.04	0.103	0.322	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/76-08/12/85	11 ##	0.05	0.065	0.3	0.	0.007	0.081	0.002	0.03	0.05	0.256
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/76-07/22/81	4	0.03	0.03	0.05	0.01	0.	0.018	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/18/76-08/22/79	3	2.7	2.733	3.	2.5	0.063	0.252	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/76-07/22/81	5	23.	22.2	23.	21.	1.2	1.095	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/18/76-08/29/80	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/76-07/22/81	5	5.1	5.14	5.6	4.9	0.083	0.288	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/76-07/22/81	5	2.2	2.32	2.5	2.2	0.027	0.164	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/18/76-07/22/81	5	10.	9.88	11.	9.1	0.557	0.746	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/18/76-07/22/81	5	0.9	0.92	1.	0.9	0.002	0.045	**	**	**	**
00932	SODIUM, PERCENT	09/18/76-07/22/81	5	46.	49.2	60.	46.	37.2	6.099	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/22/79-08/22/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/76-07/22/81	5	1.7	1.74	2.1	1.6	0.043	0.207	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/76-08/12/85	11	5.	5.182	7.	4.	0.764	0.874	4.	5.	6.	6.8
00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/76-07/22/81	5	8.	7.02	13.	0.1	25.652	5.065	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/76-07/22/81	4	0.55	0.6	0.8	0.5	0.02	0.141	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/76-07/22/81	5	10.	10.6	12.	10.	0.8	0.894	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/25/83-08/25/83	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/18/76-07/22/81	5	30.	44.	110.	10.	1480.	38.471	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/29/80-07/22/81	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/18/76-09/18/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/18/76-09/18/76	1	0.903	0.903	0.903	0.903	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.								

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

Parameter Inventory for Station: YELL0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/76-07/22/81	5	63.	59.4	66.	52.	41.3	6.427	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/29/80-07/22/81	2	241.2	241.2	429.	53.4	70537.68	265.589	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/76-07/22/81	5	0.09	0.082	0.09	0.07	0.	0.011	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/22/81-07/22/81	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/22/79-07/22/81	2	0.135	0.135	0.15	0.12	0.	0.021	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/22/81-07/22/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0187

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	5	0	0.00							1	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	5	0	0.00							1	0	0.00	4	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.	11	0	0.00				2	0	0.00	2	0	0.00	7	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00				2	0	0.00	2	0	0.00	7	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	5	0	0.00							1	0	0.00	4	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	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: YELL0188

NPS Station ID: YELL0188 LAT/LON: 44.583059/ 110.373615 Agency: 112WRD Date Created: 08/14/82
Location: YELLOWSTONE RIVER BELOW FISHING BR LAGOONS YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 443459110222501
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001042 RF1 Mile Point: 6.570 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10080012001100.00 RF3 Mile Point: 0.69 Distance from RF3: 0.12 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/82-08/12/85	6	13.75	14.583	19.5	12.	9.142	3.024	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/13/82-08/28/82	2	2800.	2800.	3100.	2500.	180000.	424.264	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/13/82-08/12/85	6	82.5	79.5	90.	65.	87.5	9.354	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/21/84-08/21/84	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/21/84-08/21/84	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/84-08/21/84	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/13/82-08/12/85	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/13/82-08/12/85	6	4.5	4.5	5.	4.	0.3	0.548	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/25/83-08/25/83	1	80.	80.	80.	80.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0188

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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.	6	0	0.00				2	0	0.00	1	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00				2	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: YELL0189

NPS Station ID: YELL0189 LAT/LON: 44.583726/ 110.517116 Agency: 11NPSYSP Date Created: 05/24/86
Location: TROUT L.TRAIL LVS RD 11.6MLSSW FROM NE ENT. YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 103300000000066
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 16 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001041 RF1 Mile Point: 6.580 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10070001015801.42 RF3 Mile Point: 1.41 Distance from RF3: 0.04 On/Off RF3:
Description:
ELEVATION (m)=2103.1 CAPACITY (m cubed)= 131070 DRAINAGE AREA (ha)= 384.5 SURFACE AREA (ha)= 5.1
AVERAGE DEPTH (m)=2.57 MAX DEPTH (m)= 5.2 NATIVE CUTTHROAT AND RAINBOW HYBRIDS; HISTORICALLY ONLY NATIVE CUTTHROAT
, THEN IN 1930 RAINBOWS WERE INTORDUCED SO HYBRIDS NOW EXIST.

Parameter Inventory for Station: YELL0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/30/76-06/30/76	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/30/76-06/30/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	06/30/76-06/30/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/30/76-06/30/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/76-06/30/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/76-06/30/76	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/30/76-06/30/76	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	06/30/76-06/30/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	06/30/76-06/30/76	1	114.	114.	114.	114.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	06/30/76-06/30/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	06/30/76-06/30/76	1	114.	114.	114.	114.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/30/76-06/30/76	1	139.	139.	139.	139.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/30/76-06/30/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/30/76-06/30/76	1	184.	184.	184.	184.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/30/76-06/30/76	1	0.78	0.78	0.78	0.78	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/30/76-06/30/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/30/76-06/30/76	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/30/76-06/30/76	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/30/76-06/30/76	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/30/76-06/30/76	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	06/30/76-06/30/76	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/30/76-06/30/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/30/76-06/30/76	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/30/76-06/30/76	1	4.26	4.26	4.26	4.26	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/76-06/30/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/30/76-06/30/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	06/30/76-06/30/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/30/76-06/30/76	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/30/76-06/30/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/30/76-06/30/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	06/30/76-06/30/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/30/76-06/30/76	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	06/30/76-06/30/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	06/30/76-06/30/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	06/30/76-06/30/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	06/30/76-06/30/76	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: YELL0189

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0190

NPS Station ID: YELL0190
LAT/LON: 44.584726/ 110.778059
Agency: 112WRD
Date Created: / /
Location: NEZ PERCE CR NR FOUNTAIN PAINT POT YNP, WY
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06036900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10020007079
RF1 Mile Point: 3.450
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10020007025300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.28
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/67-10/22/70	9	16.	16.033	23.3	11.	12.91	3.593	11.	13.5	17.25	23.3
00060	FLOW, STREAM, MEAN DAILY CFS	08/14/68-10/22/70	8	61.	72.875	151.	53.	1048.696	32.384	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/12/69-10/22/70	7	5.	13.429	40.	4.	175.619	13.252	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/67-10/22/70	9	311.	296.333	347.	177.	2315.25	48.117	177.	288.5	319.5	347.
00400	PH (STANDARD UNITS)	08/18/67-10/22/70	9	7.2	7.311	7.9	6.8	0.174	0.417	6.8	6.95	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	08/18/67-10/22/70	9	7.2	7.158	7.9	6.8	0.2	0.447	6.8	6.95	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/67-10/22/70	9	0.063	0.07	0.158	0.013	0.003	0.054	0.013	0.02	0.113	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/67-10/22/70	9	61.	59.667	67.	38.	73.	8.544	38.	59.	64.	67.
00440	BICARBONATE ION (MG/L AS HCO3)	08/18/67-10/22/70	9	74.	72.667	82.	46.	111.	10.536	46.	72.	78.	82.
00445	CARBONATE ION (MG/L AS CO3)	08/18/67-10/22/70	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/67-10/22/70	9	22.	21.556	25.	15.	7.778	2.789	15.	21.	23.	25.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/18/67-10/22/70	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/67-10/22/70	9	7.5	6.767	8.2	3.	2.522	1.588	3.	6.1	7.7	8.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/67-10/22/70	9	0.9	1.156	1.9	0.4	0.278	0.527	0.4	0.8	1.65	1.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/67-10/22/70	9	51.	49.111	59.	28.	80.861	8.992	28.	46.	55.	59.
00931	SODIUM ADSORPTION RATIO	08/18/67-10/22/70	9	4.7	4.578	5.5	3.2	0.424	0.651	3.2	4.25	5.	5.5
00932	SODIUM, PERCENT	08/18/67-10/22/70	9	77.	76.889	79.	73.	3.361	1.833	73.	76.	78.5	79.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/67-10/22/70	9	8.	7.811	9.1	5.6	1.176	1.084	5.6	7.2	8.65	9.1
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/67-10/22/70	9	27.	25.667	30.	15.	20.	4.472	15.	24.5	28.5	30.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/67-10/22/70	9	30.	29.444	36.	17.	34.778	5.897	17.	26.5	34.	36.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/67-10/22/70	9	4.8	4.589	6.6	2.4	3.531	1.879	2.4	2.6	6.45	6.6
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/67-10/22/70	9	72.	71.778	89.	47.	231.944	15.23	47.	59.	85.5	89.
01020	BORON, DISSOLVED (UG/L AS B)	08/18/67-10/22/70	9	400.	352.222	480.	140.	12519.444	111.89	140.	270.	430.	480.
01045	IRON, TOTAL (UG/L AS FE)	08/14/68-10/22/70	8	275.	280.	470.	90.	22885.714	151.28	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/67-10/22/70	9	252.	242.222	272.	164.	1164.444	34.124	164.	227.	268.	272.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/14/68-10/22/70	8	232.5	231.	271.	148.	1535.429	39.185	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/14/68-10/22/70	8	40.7	44.938	66.9	37.9	96.98	9.848	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/18/67-10/22/70	9	0.34	0.329	0.37	0.22	0.002	0.048	0.22	0.305	0.365	0.37
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/18/67-10/22/70	9	0.1	0.156	0.5	0.	0.043	0.207	0.	0.	0.35	0.5
71885	IRON (UG/L AS FE)	08/18/67-08/18/67	1	110.	110.	110.	110.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0190

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	9	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	9	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	9	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	9	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00

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

Station Inventory for Station: YELL0191

NPS Station ID: YELL0191
Location: QW BACKFILE
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 10070001
Major Basin:
Minor Basin:
RF1 Index: 10070001120
RF3 Index: 10080012002000.00
Description:

LAT/LON: 44.592504/ 110.246670
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 9.860
RF3 Mile Point: 0.62

Agency: 112WRD
FIPS State/County: 56001 WYOMING/ALBANY
STORET Station ID(s): 06186491
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.19

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

Parameter Inventory for Station: YELL0191

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: YELL0192

NPS Station ID: YELL0192
LAT/LON: 44.592504/ 110.246670
Agency: 112WRD
Date Created: / /
Location: ASTRINGENT C AT MOUTH, YNP, WYO.
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06185991
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001120
RF1 Mile Point: 9.860
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10080012003501.99
RF3 Mile Point: 2.82
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0192

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/69-08/19/69	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/19/69-08/19/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/19/69-08/19/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/69-08/19/69	1	692.	692.	692.	692.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/19/69-08/19/69	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/19/69-08/19/69	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/69-08/19/69	1	50.119	50.119	50.119	50.119	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/69-08/19/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/19/69-08/19/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/19/69-08/19/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/19/69-08/19/69	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/19/69-08/19/69	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/69-08/19/69	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/69-08/19/69	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/69-08/19/69	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/19/69-08/19/69	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/19/69-08/19/69	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/69-08/19/69	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/69-08/19/69	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/19/69-08/19/69	1	191.	191.	191.	191.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/19/69-08/19/69	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/69-08/19/69	1	144.	144.	144.	144.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/19/69-08/19/69	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/19/69-08/19/69	1	5900.	5900.	5900.	5900.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/69-08/19/69	1	580.	580.	580.	580.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/69-08/19/69	1	534.	534.	534.	534.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/19/69-08/19/69	1	5.64	5.64	5.64	5.64	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/19/69-08/19/69	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/19/69-08/19/69	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: YELL0192

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0193

NPS Station ID: YELL0193 LAT/LON: 44.596115/ 110.831116 Agency: 112WRD Date Created: / /
Location: FIREHOLE R BEL LOWER GEYSER BASIN, YNP FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06036903
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020007073 RF1 Mile Point: 3.660 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10020007007603.68 RF3 Mile Point: 7.18 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0193

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-03/05/71	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	03/05/71-03/05/71	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0193

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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									

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

Station Inventory for Station: YELL0194

NPS Station ID: YELL0194 LAT/LON: 44.600477/ 110.633587 Agency: 11NPSYSP Date Created: 05/24/86
Location: MARY L. CENTRAL PLATEAU SW OF MARY MT YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 201800000000056
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 32 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 16.20 On/Off RF1:
RF3 Index: 10020007171800.14 RF3 Mile Point: 0.14 Distance from RF3: 0.02 On/Off RF3:
Description:
ELEVATION (m)= 2519 CAPACITY (m cubed)= 426092 DRAINAGE AREA (ha)= 104 SURFACE AREA (ha)= 8.1
AVERAGE DEPTH (m)= 5.3 MAX DEPTH (m)= 10.7 0 FISH; NO STOCKING RECORD, LACK OF ACCESS AND SPAWNING HABITAT.

Parameter Inventory for Station: YELL0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/26/77-08/26/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/26/77-08/26/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/26/77-08/26/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/77-08/26/77	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/26/77-08/26/77	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/77-08/26/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/26/77-08/26/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/77-08/26/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/77-08/26/77	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/26/77-08/26/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/26/77-08/26/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/26/77-08/26/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/26/77-08/26/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/26/77-08/26/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/26/77-08/26/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/26/77-08/26/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/77-08/26/77	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/77-08/26/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/77-08/26/77	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/26/77-08/26/77	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/77-08/26/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/26/77-08/26/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/26/77-08/26/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/26/77-08/26/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/26/77-08/26/77	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/26/77-08/26/77	1	1.33	1.33	1.33	1.33	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/77-08/26/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/77-08/26/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/26/77-08/26/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/77-08/26/77	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/26/77-08/26/77	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/26/77-08/26/77	1	15.3	15.3	15.3	15.3	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/77-08/26/77	1	0.14	0.14	0.14	0.14	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

Parameter Inventory for Station: YELL0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71830	HYDROXIDE ION (MG/L AS OH)	08/26/77-08/26/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/26/77-08/26/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/26/77-08/26/77	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/26/77-08/26/77	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0194

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0195

NPS Station ID: YELL0195 LAT/LON: 44.600809/ 110.217116 Agency: 11NPSYSP Date Created: 07/07/90
Location: PELICAN CK NEAR CABIN + RAVEN CK CONFLUENCE FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 108500000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.50 On/Off RF1:
RF3 Index: 10070001004200.49 RF3 Mile Point: 5.31 Distance from RF3: 0.01 On/Off RF3:
Description:
NATIVE CUTTHROAT TROUT, INTRODUCED LONGNOSE SUCKER AND REDSHINER. THERE IS A THERMAL INFLUENCE.

Parameter Inventory for Station: YELL0195

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: YELL0196

NPS Station ID: YELL0196
LAT/LON: 44.600920/ 110.383615
Agency: 11NPSYSP
Date Created: 07/07/90
Location: THISTLE CREEK 200M ABOVE OUTLET
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 107800000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.40
On/Off RF1:
RF3 Index: 10070001049000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.21
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1323.15 STREAM LENGTH (km)= 6.8 % GRADIENT= 3.59
HIGHEST ELEVATION (m)=2609.1 LOWEST ELEVATION (m)=2365.3 NATIVE CUTTHROAT

Parameter Inventory for Station: YELL0196

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: YELL0197

NPS Station ID: YELL0197 LAT/LON: 44.601170/ 110.083866 Agency: 11NPSYSP Date Created: 07/07/90
Location: COLD CR. @ TRIB FROM CATHEDRAL AND PYRAMID PK. FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 103343000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 4.50 On/Off RF1:
RF3 Index: 10070001014700.00 RF3 Mile Point: 0.81 Distance from RF3: 0.42 On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 2520.28 STREAM LENGTH (km)= 8.05 % GRADIENT= 4.09
HIGHEST ELEVATION (m)=2791.9 LOWEST ELEVATION (m)=2462.8 NATIVE CUTTHROAT TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0197

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: YELL0198

NPS Station ID: YELL0198
LAT/LON: 44.616781/ 110.168060
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 10851203 AT MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 108512030000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 6.40
On/Off RF1:
RF3 Index: 10070001014900.00
RF3 Mile Point: 4.80
Distance from RF3: 0.58
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 173.27 STREAM LENGTH (km)= 10.2 % GRADIENT= 1.67
HIGHEST ELEVATION (m)=2584.7 LOWEST ELEVATION (m)=2414.0 NATIVE CUTTHROAT

Parameter Inventory for Station: YELL0198

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: YELL0199

NPS Station ID: YELL0199
LAT/LON: 44.616810/ 110.568142
Agency: 11NPSYSP
Date Created: 07/07/90
Location: ALUM CREEK ABOVE TRIB 106105
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 106100000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.70
On/Off RF1:
RF3 Index: 10070001003900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2126.37 STREAM LENGTH (km)= 10 % GRADIENT= 1.34
HIGHEST ELEVATION (m)=2523.7 LOWEST ELEVATION (m)=2389.6

Parameter Inventory for Station: YELL0199

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: YELL0200

NPS Station ID: YELL0200
LAT/LON: 44.617226/ 110.484559
Agency: 11NPSYSP
Date Created: 07/07/90
Location: TROUT CREEK AT DUMPSITE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 106800000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 7.30
On/Off RF1:
RF3 Index: 10070001003900.27
RF3 Mile Point: 0.26
Distance from RF3: 0.61
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 3654.4 STREAM LENGTH (km)= 12 % GRADIENT= 1.17
HIGHEST ELEVATION (m)= 2530 LOWEST ELEVATION (m)=2389.6 NATIVE CUTTHROAT

Parameter Inventory for Station: YELL0200

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: YELL0201

NPS Station ID: YELL0201
LAT/LON: 44.617309/ 110.151531
Agency: 11NPSYSP
Date Created: 07/07/90
Location: RAVEN CREEK ABOVE FALLS
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 108512000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 10070001012100.00
RF3 Mile Point: 8.09
Distance from RF3: 0.38
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2016.22 STREAM LENGTH (km)= 9.0 % GRADIENT= 2.16
HIGHEST ELEVATION (m)=2682.2 LOWEST ELEVATION (m)=2487.2

Parameter Inventory for Station: YELL0201

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: YELL0202

NPS Station ID: YELL0202
LAT/LON: 44.617392/ 110.166782
Agency: 11NPSYSP
Date Created: 07/07/90
Location: RAVEN CREEK BELOW FALLS
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 108512000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.90
On/Off RF1:
RF3 Index: 10070001012200.00
RF3 Mile Point: 0.32
Distance from RF3: 0.00
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2110.73 STREAM LENGTH (km)= 9.1 % GRADIENT= 2.95
HIGHEST ELEVATION (m)=2682.2 LOWEST ELEVATION (m)=2414.2 NATIVE CUTTHROAT PRESENT

Parameter Inventory for Station: YELL0202

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: YELL0203

NPS Station ID: YELL0203
LAT/LON: 44.618198/ 110.150753
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 10851204 AT MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 108512040000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.10
On/Off RF1:
RF3 Index: 10070001012100.00
RF3 Mile Point: 8.09
Distance from RF3: 0.37
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 425.3 STREAM LENGTH (km)= 7.8 % GRADIENT= .94
HIGHEST ELEVATION (m)=2560.3 LOWEST ELEVATION (m)=2487.2

Parameter Inventory for Station: YELL0203

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: YELL0204

NPS Station ID: YELL0204
LAT/LON: 44.620281/ 110.862227
Agency: 112WRD
Date Created: 05/19/84
Location: FIREHOLE RIVER NEAR WEST YELLOWSTONE MT
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06036905
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 2.70
On/Off RF1:
RF3 Index: 10070001062400.00
RF3 Mile Point: 0.37
Distance from RF3: 0.20
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/19/92	70	13.25	13.807	23.5	0.5	23.517	4.849	9.	10.	18.125	20.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/11/83-08/19/92	63	290.	329.476	1110.	229.	17345.415	131.702	243.2	255.	352.	453.8
00065	STAGE, STREAM (FEET)	10/23/90-08/19/92	16	3.095	3.181	3.93	2.97	0.061	0.248	2.984	3.055	3.183	3.671
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/88-11/03/88	2	1.6	1.6	2.1	1.1	0.5	0.707	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/11/83-08/19/92	73	498.	475.425	636.	156.	9237.359	96.111	318.6	420.5	538.5	571.2
00300	OXYGEN, DISSOLVED MG/L	10/06/88-11/03/88	2	8.55	8.55	8.8	8.3	0.125	0.354	**	**	**	**
00400	PH (STANDARD UNITS)	10/06/88-11/03/88	2	8.25	8.25	8.3	8.2	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/06/88-11/03/88	2	8.247	8.247	8.3	8.2	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/88-11/03/88	2	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/21/84-11/03/88	3	8.3	8.333	8.5	8.2	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/21/84-11/03/88	3	8.3	8.316	8.5	8.2	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/84-11/03/88	3	0.005	0.005	0.006	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/88-11/03/88	2	124.5	124.5	125.	124.	0.5	0.707	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	10/06/88-11/03/88	2	124.5	124.5	126.	123.	4.5	2.121	**	**	**	**
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	10/06/88-11/03/88	2	2.	2.	4.	0.	8.	2.828	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	10/06/88-11/03/88	2	148.	148.	154.	142.	72.	8.485	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/88-11/03/88	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/06/88-11/03/88	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/06/88-11/03/88	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/88-11/03/88	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/06/88-11/03/88	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/06/88-11/03/88	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/88-11/03/88	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/06/88-11/03/88	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/88-11/03/88	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/06/88-11/03/88	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/06/88-11/03/88	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/88-11/03/88	2	1.95	1.95	2.5	1.4	0.605	0.778	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/06/88-11/03/88	2	1.05	1.05	1.2	0.9	0.045	0.212	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/06/88-11/03/88	2	6.15	6.15	6.8	5.5	0.845	0.919	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/06/88-11/03/88	2	0.7	0.7	0.8	0.6	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/06/88-11/03/88	2	110.	110.	110.	110.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/06/88-11/03/88	2	8.5	8.5	8.8	8.2	0.18	0.424	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/28/84-09/12/89	13	66.	63.923	81.	39.	191.577	13.841	39.	57.	76.	80.6
00945	SULFATE, TOTAL (MG/L AS SO4)	10/06/88-11/03/88	2	18.5	18.5	22.	15.	24.5	4.95	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/06/88-11/03/88	2	110.	110.	110.	110.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/21/86-10/21/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/06/88-11/03/88	2	925.	925.	930.	920.	50.	7.071	**	**	**	**

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

Parameter Inventory for Station: YELL0204

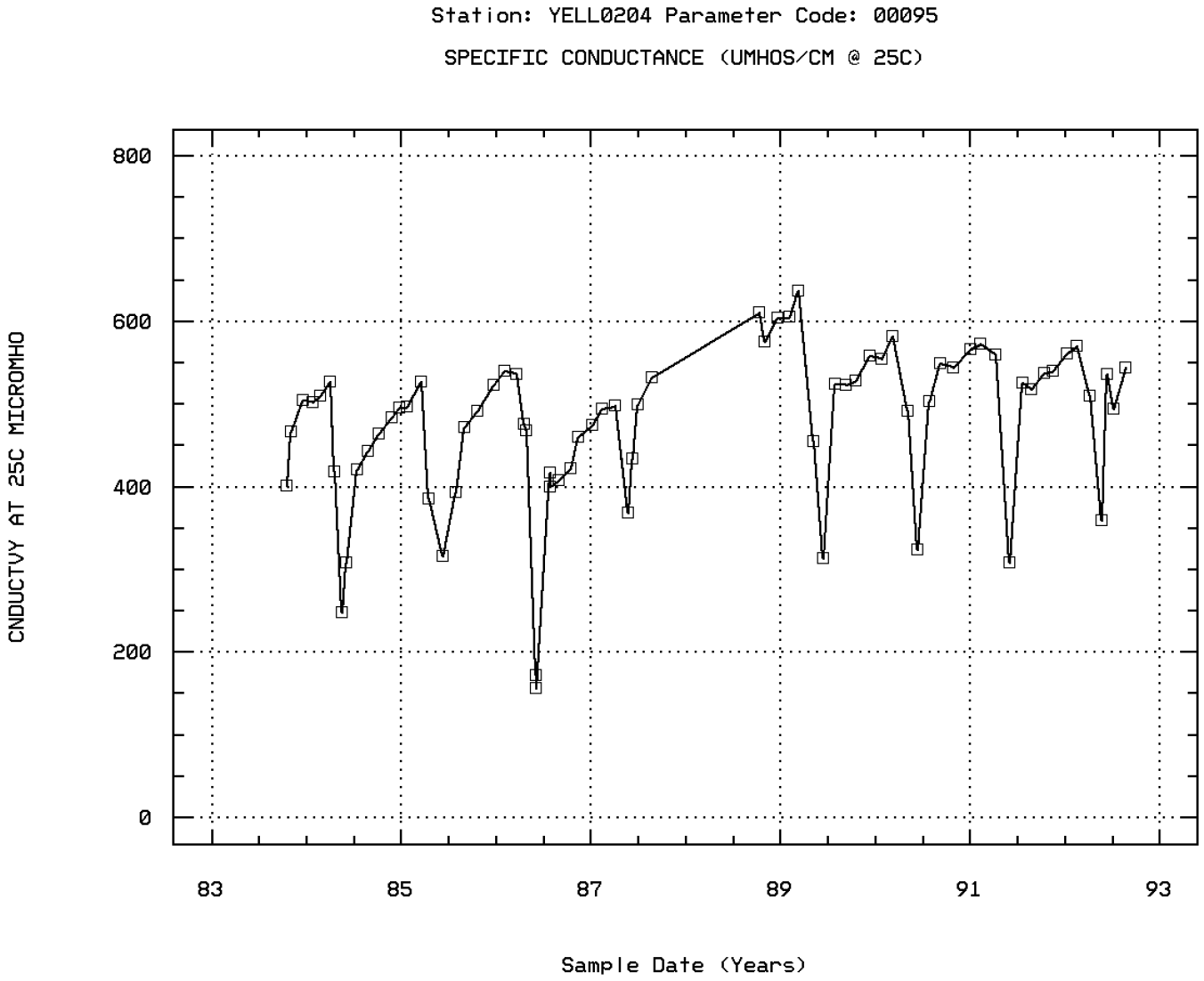
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	10/06/88-11/03/88	2	29.5	29.5	41.	18.	264.5	16.263	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/06/88-11/03/88	2	81.	81.	87.	75.	72.	8.485	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/06/88-11/03/88	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/06/88-11/03/88	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0204

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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.	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.	3	0	0.00	1	0	0.00							2	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00							2	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	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.	13	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00	1	0	0.00							1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00

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



FIREHOLE RIVER NEAR WEST YELLOWSTONE MT

Seasonal Analysis for Season #1: 11/01 to 4/15 - Station YELL0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/19/92	29	9.5	9.5	14.5	0.5	8.179	2.86	6.	9.	11.	12.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/11/83-08/19/92	24	278.5	275.042	331.	232.	822.303	28.676	236.5	250.75	298.	314.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/11/83-08/19/92	29	536.	536.414	636.	460.	1818.108	42.639	483.	500.	568.	603.

** - Less than 9 observations ## - Computed 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: 4/16 to 6/15 - Station YELL0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/19/92	16	14.	15.156	21.	10.5	11.491	3.39	11.2	12.5	17.375	20.65
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/11/83-08/19/92	14	425.5	476.857	1110.	249.	43868.901	209.449	275.5	364.	541.75	872.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/11/83-08/19/92	18	363.5	362.722	535.	156.	11234.565	105.993	170.4	308.	457.25	495.4

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

Seasonal Analysis for Season #3: 6/16 to 8/15 - Station YELL0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/19/92	8	19.5	19.875	22.	18.5	1.839	1.356	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/11/83-08/19/92	8	292.5	322.75	446.	256.	5442.214	73.771	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/11/83-08/19/92	9	494.	463.889	525.	393.	3031.111	55.056	393.	408.5	513.5	525.

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

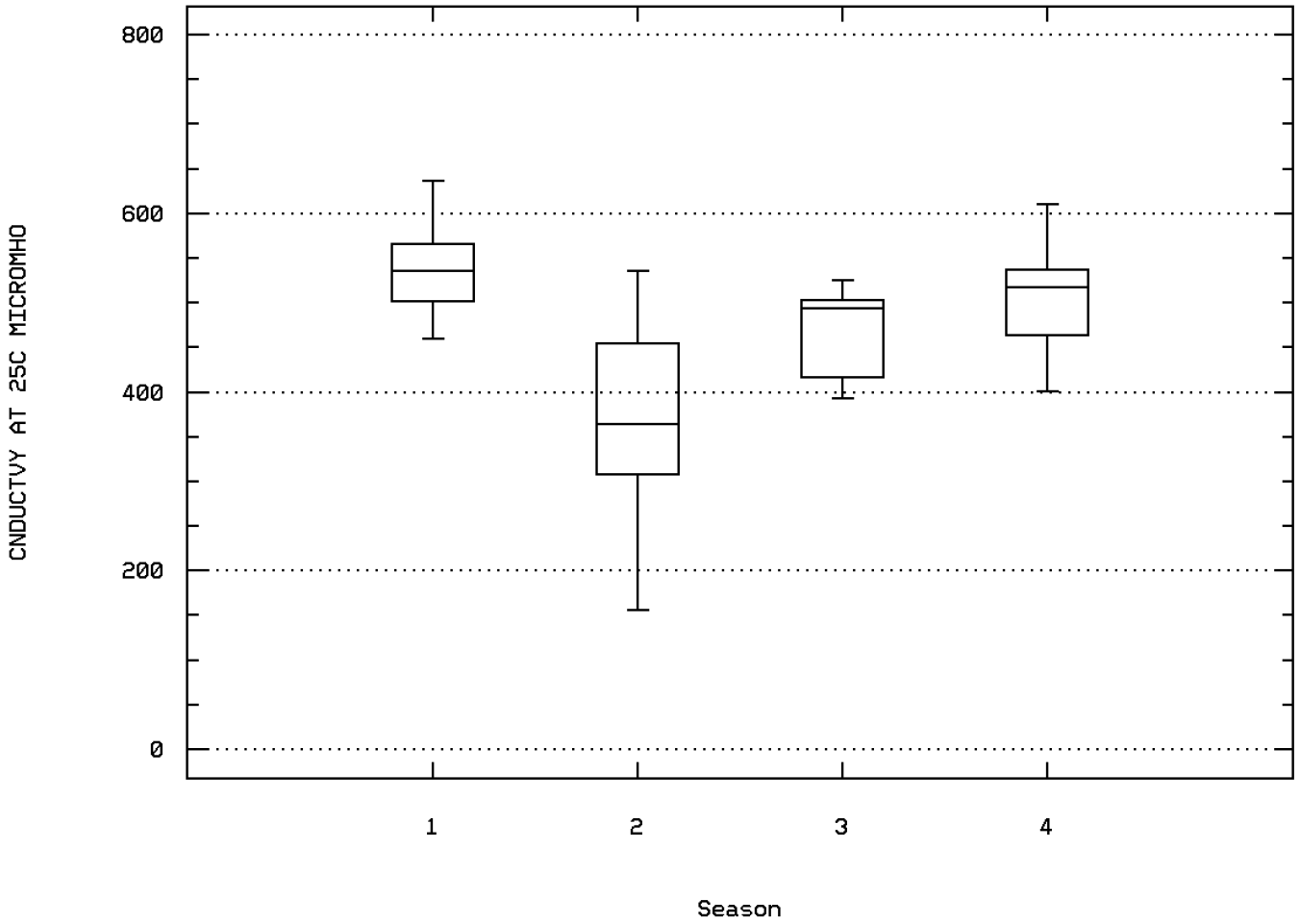
Seasonal Analysis for Season #4: 8/16 to 10/31 - Station YELL0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/11/83-08/19/92	17	15.5	17.029	23.5	12.5	10.64	3.262	13.3	14.5	19.	22.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/11/83-08/19/92	17	261.	288.118	396.	229.	2716.235	52.118	229.	250.	329.	376.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/11/83-08/19/92	17	517.	496.824	610.	401.	3341.279	57.804	405.8	453.	540.5	561.2

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

Station: YELL0204 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



FIREHOLE RIVER NEAR WEST YELLOWSTONE MT

Station Inventory for Station: YELL0205

NPS Station ID: YELL0205 LAT/LON: 44.621393/ 110.800837 Agency: 112WRD Date Created: / /
Location: OLD HOTEL SP NR PAINT POT FOUNTAIN YELLOWSTON FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06036850
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 5.30 On/Off RF1:
RF3 Index: 17040203068700.00 RF3 Mile Point: 1.09 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0205

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/67-08/22/67	1	16.7	16.7	16.7	16.7	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/67-08/22/67	1	228.	228.	228.	228.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/67-08/22/67	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/67-08/22/67	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/67-08/22/67	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/67-08/22/67	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/22/67-08/22/67	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/22/67-08/22/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/67-08/22/67	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/67-08/22/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/67-08/22/67	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/67-08/22/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/67-08/22/67	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/22/67-08/22/67	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/22/67-08/22/67	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/67-08/22/67	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/67-08/22/67	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/67-08/22/67	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/67-08/22/67	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/67-08/22/67	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/22/67-08/22/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/22/67-08/22/67	1	232.	232.	232.	232.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/67-08/22/67	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/67-08/22/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	08/22/67-08/22/67	1	120.	120.	120.	120.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0205

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

& - 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: YELL0205

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0206

NPS Station ID: YELL0206
LAT/LON: 44.634087/ 110.450392
Agency: 11NPSYSP
Date Created: 07/07/90
Location: ELK ANTLER CR. AT HIGHWAY BRIDGE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 106900000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 10070001004100.00
RF3 Mile Point: 2.75
Distance from RF3: 0.60
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 3181.85 STREAM LENGTH (km)= 7.4 % GRADIENT= 6.24
HIGHEST ELEVATION (m)=2584.7 LOWEST ELEVATION (m)=2354.0 NATIVE CUTTHROAT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0206

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: YELL0207

NPS Station ID: YELL0207 LAT/LON: 44.634448/ 110.266837 Agency: 11NPSYSP Date Created: 05/24/86
Location: WEST WHITE L. E.CENTRAL YNP N.OF PELICAN VALLEY FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 104600000000057
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 19 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001126 RF1 Mile Point: 14.250 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10070001012614.49 RF3 Mile Point: 14.49 Distance from RF3: 0.09 On/Off RF3:
Description:
ELEVATION (m)= 2505 CAPACITY (m cubed)= 829006 DRAINAGE AREA (ha)= 384.5 SURFACE AREA (ha)= 38.9
AVERAGE DEPTH (m)= 2.1 MAX DEPTH (m)= 6.7 NATIVE CUTTHROAT; ORIGINALLY THOUGHT TO BE BARREN, EXCELLENT HABITAT, FI
SH EMMIGRATED UP BROAD CREEK.

Parameter Inventory for Station: YELL0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/75-08/18/75	1	17.7	17.7	17.7	17.7	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/18/75-08/18/75	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/18/75-08/18/75	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/18/75-08/18/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/18/75-08/18/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/75-08/18/75	1	380.	380.	380.	380.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/75-08/18/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/75-08/18/75	1	7.75	7.75	7.75	7.75	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/75-08/18/75	1	7.75	7.75	7.75	7.75	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/75-08/18/75	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/75-08/18/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/18/75-08/18/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/18/75-08/18/75	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/18/75-08/18/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/18/75-08/18/75	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/18/75-08/18/75	1	124.	124.	124.	124.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/18/75-08/18/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/18/75-08/18/75	1	185.	185.	185.	185.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/75-08/18/75	1	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/18/75-08/18/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/75-08/18/75	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/18/75-08/18/75	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/75-08/18/75	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/18/75-08/18/75	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/18/75-08/18/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/18/75-08/18/75	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/18/75-08/18/75	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/18/75-08/18/75	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/75-08/18/75	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/75-08/18/75	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/18/75-08/18/75	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

Parameter Inventory for Station: YELL0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/75-08/18/75	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/18/75-08/18/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/18/75-08/18/75	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/18/75-08/18/75	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/18/75-08/18/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/18/75-08/18/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/18/75-08/18/75	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: YELL0207

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0208

NPS Station ID: YELL0208
LAT/LON: 44.634504/ 110.217949
Agency: 11NPSYSP
Date Created: 07/07/90
Location: SLIME CREEK AT MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 108515000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 6.40
On/Off RF1:
RF3 Index: 10070001014900.00
RF3 Mile Point: 4.80
Distance from RF3: 0.60
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 315.02 STREAM LENGTH (km)= 2.6 % GRADIENT=12.900
HIGHEST ELEVATION (m)=2755.4 LOWEST ELEVATION (m)=2438.4

Parameter Inventory for Station: YELL0208

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: YELL0209

NPS Station ID: YELL0209 LAT/LON: 44.634504/ 110.884281 Agency: 11NPSYSP Date Created: 05/24/86
Location: HARLEQUIN L. 3.2KM W. OF MADISON JUNCTION YNP FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 201600000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 9 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007072 RF1 Mile Point: 17.080 Distance from RF1: 13.50 On/Off RF1: ON
RF3 Index: 10070001006000.00 RF3 Mile Point: 3.56 Distance from RF3: 0.15 On/Off RF3:
Description:
ELEVATION (m)= 2100 CAPACITY (m cubed)= 52096 DRAINAGE AREA (ha)= 50 SURFACE AREA (ha)= 4.2
AVERAGE DEPTH (m)= 1.3 MAX DEPTH (m)= 3.4 0 FISH; DYSTROPHIC LAKE,1937 11,500 GREYLING INTORDUCED,BACK TO FISHLESS
POSSIBLY DUE TO NO CONNECTION TO MADISON R., OR WINTERKILL.

Parameter Inventory for Station: YELL0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/79-10/12/79	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/12/79-10/12/79	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/12/79-10/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	10/12/79-10/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/12/79-10/12/79	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/12/79-10/12/79	1	5.37	5.37	5.37	5.37	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/12/79-10/12/79	1	5.37	5.37	5.37	5.37	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/12/79-10/12/79	1	4.266	4.266	4.266	4.266	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/12/79-10/12/79	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/12/79-10/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/12/79-10/12/79	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/12/79-10/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	10/12/79-10/12/79	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/12/79-10/12/79	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/12/79-10/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/12/79-10/12/79	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/12/79-10/12/79	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/12/79-10/12/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/12/79-10/12/79	1	0.87	0.87	0.87	0.87	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/12/79-10/12/79	1	0.68	0.68	0.68	0.68	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	10/12/79-10/12/79	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/12/79-10/12/79	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/12/79-10/12/79	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/12/79-10/12/79	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/12/79-10/12/79	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	10/12/79-10/12/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/12/79-10/12/79	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/12/79-10/12/79	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/12/79-10/12/79	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/12/79-10/12/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/79-10/12/79	1	18.	18.	18.	18.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00951	FLUORIDE, TOTAL (MG/L AS F)	10/12/79-10/12/79	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/12/79-10/12/79	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/12/79-10/12/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	10/12/79-10/12/79	1	14.7	14.7	14.7	14.7	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/12/79-10/12/79	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	10/12/79-10/12/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/12/79-10/12/79	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	10/12/79-10/12/79	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/12/79-10/12/79	1	6.8	6.8	6.8	6.8	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: YELL0209

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0210

NPS Station ID: YELL0210
LAT/LON: 44.634642/ 110.734532
Agency: 11NPSYSP
Date Created: 07/07/90
Location: CANYON CR. 2.7 KM ABOVE MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 201705000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 6.70
On/Off RF1:
RF3 Index: 10020007024100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.37
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1271.89 STREAM LENGTH (km)= 4.51 % GRADIENT= 3.92
HIGHEST ELEVATION (m)=2346.9 LOWEST ELEVATION (m)=2170.2 NATIVE CUTTHROAT AND INTRODUCED GRAYLING PRESENT.

Parameter Inventory for Station: YELL0210

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: YELL0211

NPS Station ID: YELL0211
LAT/LON: 44.634726/ 109.933420
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 1033471 AT MOUTH (LITTLE LAMAR TRIB)
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103347130000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 8.80
On/Off RF1:
RF3 Index: 10080012021900.00
RF3 Mile Point: 5.78
Distance from RF3: 0.75
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 288.8 STREAM LENGTH (km)= 1.1 % GRADIENT= 19.5
HIGHEST ELEVATION (m)=2846.8 LOWEST ELEVATION (m)=2624.3

Parameter Inventory for Station: YELL0211

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: YELL0212

NPS Station ID: YELL0212
LAT/LON: 44.634920/ 110.767060
Agency: 11NPSYSP
Date Created: 07/07/90
Location: CANYON CR. AT MOUTH
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 201705000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 2.20
On/Off RF1:
RF3 Index: 10070001009100.00
RF3 Mile Point: 1.35
Distance from RF3: 0.02
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1535.80 STREAM LENGTH (km)= 10.3 % GRADIENT= 2.07
HIGHEST ELEVATION (m)=2346.9 LOWEST ELEVATION (m)=2133.6 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0212

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: YELL0213

NPS Station ID: YELL0213
LAT/LON: 44.635004/ 110.862227
Agency: 112WRD
Date Created: / /
Location: SUPPLY SPRING AT MADISON JCT. YNP
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06036915
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10020007084
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10020007007300.00
RF3 Mile Point: 1.08
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0213

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/68-06/11/68	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/68-06/11/68	1	172.	172.	172.	172.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/11/68-06/11/68	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/11/68-06/11/68	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/68-06/11/68	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/68-06/11/68	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/11/68-06/11/68	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/11/68-06/11/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/11/68-06/11/68	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/11/68-06/11/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/11/68-06/11/68	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/11/68-06/11/68	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/11/68-06/11/68	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/11/68-06/11/68	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/11/68-06/11/68	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/11/68-06/11/68	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/68-06/11/68	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/11/68-06/11/68	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/11/68-06/11/68	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/68-06/11/68	1	48.	48.	48.	48.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/11/68-06/11/68	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/11/68-06/11/68	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/11/68-06/11/68	1	158.	158.	158.	158.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/11/68-06/11/68	1	137.	137.	137.	137.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/11/68-06/11/68	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/11/68-06/11/68	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: YELL0213

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						

& - 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: YELL0213

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: YELL0214

NPS Station ID: YELL0214
LAT/LON: 44.640281/ 110.865005
Agency: 112WRD
Date Created: / /
Location: FIREHOLE R AT MADISON JCT. YNP, WY
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06036910
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10020007084
RF1 Mile Point: 0.100
Distance from RF1: 9.10
On/Off RF1: OFF
RF3 Index: 10020007017700.00
RF3 Mile Point: 1.33
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/68-10/21/70	7	13.5	14.071	20.	11.5	8.286	2.878	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/22/69-10/21/70	7	310.	421.	1100.	281.	90163.333	300.272	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/16/68-10/21/70	8	6.	11.75	30.	3.	123.357	11.107	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/68-10/21/70	8	454.5	399.	488.	198.	14212.286	119.215	**	**	**	**
00400	PH (STANDARD UNITS)	09/16/68-10/21/70	8	8.1	7.925	8.2	7.4	0.114	0.337	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/16/68-10/21/70	8	8.1	7.802	8.2	7.4	0.131	0.362	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/68-10/21/70	8	0.008	0.016	0.04	0.006	0.	0.013	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/16/68-10/21/70	8	105.	98.	113.	49.	430.	20.736	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/16/68-10/21/70	8	128.	119.625	138.	60.	634.839	25.196	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/16/68-10/21/70	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/16/68-10/21/70	8	17.	18.	30.	12.	30.286	5.503	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/16/68-10/21/70	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/16/68-10/21/70	8	5.2	5.175	7.6	3.8	1.796	1.34	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/16/68-10/21/70	8	0.55	1.25	5.	0.5	2.494	1.579	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/16/68-10/21/70	8	90.5	84.25	100.	37.	409.643	20.24	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/16/68-10/21/70	8	9.55	8.725	11.	4.6	4.599	2.145	**	**	**	**
00932	SODIUM, PERCENT	09/16/68-10/21/70	8	88.	86.5	89.	81.	10.	3.162	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/16/68-10/21/70	8	7.5	7.313	8.7	3.9	2.238	1.496	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/68-10/21/70	8	62.5	58.875	73.	25.	216.125	14.701	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/16/68-10/21/70	8	13.5	12.875	15.	7.	6.696	2.588	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/16/68-10/21/70	8	8.3	7.638	8.9	2.8	4.111	2.028	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/16/68-10/21/70	8	97.5	90.625	105.	49.	355.125	18.845	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/16/68-10/21/70	8	705.	631.25	880.	300.	44298.214	210.471	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/16/68-10/21/70	8	130.	131.25	200.	60.	2183.929	46.733	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/16/68-10/21/70	8	350.	332.	380.	174.	4459.429	66.779	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/16/68-10/21/70	8	352.	327.75	384.	160.	5153.929	71.791	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/69-10/21/70	7	296.	323.	517.	270.	7622.	87.304	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/16/68-10/21/70	8	0.475	0.453	0.52	0.24	0.008	0.09	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/16/68-10/21/70	8	0.05	0.125	0.4	0.	0.025	0.158	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0214

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	8	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	8	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	8	0	0.00	1	0	0.00	2	0	0.00	2	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: YELL0215

NPS Station ID: YELL0215 LAT/LON: 44.640559/ 110.861115 Agency: 112WRD Date Created: / /
Location: GIBBON R AT GRAND L RD BR AT MADISON J YNP WY FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06037100
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020007084 RF1 Mile Point: 0.300 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10020007007300.00 RF3 Mile Point: 0.66 Distance from RF3: 0.15 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/68-09/13/68	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/13/68-09/13/68	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/68-09/13/68	1	352.	352.	352.	352.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/13/68-09/13/68	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/13/68-09/13/68	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/13/68-09/13/68	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/13/68-09/13/68	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/13/68-09/13/68	1	112.	112.	112.	112.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/13/68-09/13/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/68-09/13/68	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/13/68-09/13/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/13/68-09/13/68	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/13/68-09/13/68	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/13/68-09/13/68	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/13/68-09/13/68	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/13/68-09/13/68	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/13/68-09/13/68	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/13/68-09/13/68	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/13/68-09/13/68	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/13/68-09/13/68	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/13/68-09/13/68	1	71.	71.	71.	71.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/13/68-09/13/68	1	530.	530.	530.	530.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/13/68-09/13/68	1	170.	170.	170.	170.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/13/68-09/13/68	1	288.	288.	288.	288.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/13/68-09/13/68	1	271.	271.	271.	271.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/13/68-09/13/68	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/13/68-09/13/68	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: YELL0215

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0215

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0216

NPS Station ID: YELL0216
LAT/LON: 44.642226/ 110.874448
Agency: 112WRD
Date Created: 01/25/77
Location: MADISON RIVER BEL MADISON JUNCTION
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 443832110522801
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10020007072
RF1 Mile Point: 17.630
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 10070001004205.17
RF3 Mile Point: 7.44
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/76-08/29/85	10	17.5	17.6	21.	13.5	7.156	2.675	13.55	15.125	20.125	20.95
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/76-08/29/85	10	450.	425.5	490.	210.	6624.722	81.392	229.	415.	471.25	490.
00300	OXYGEN, DISSOLVED MG/L	09/19/76-09/19/76	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/76-07/24/81	5	7.2	7.18	7.4	6.9	0.052	0.228	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/76-07/24/81	5	7.2	7.132	7.4	6.9	0.055	0.234	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/76-07/24/81	5	0.063	0.074	0.126	0.04	0.001	0.038	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/24/81-07/24/81	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/24/81-07/24/81	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/81-07/24/81	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/19/76-08/24/79	3	18.	19.	26.	13.	43.	6.557	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/76-09/05/80	4	110.	106.	110.	94.	64.	8.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/19/76-08/24/79	3	130.	124.667	130.	114.	85.333	9.238	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/19/76-08/24/79	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/05/80-07/24/81	2	0.11	0.11	0.2	0.02	0.016	0.127	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/76-07/24/81	5	0.3	0.33	0.61	0.12	0.034	0.185	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/19/76-08/29/85	10 ##	0.05	0.055	0.1	0.	0.001	0.025	0.005	0.05	0.07	0.097
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/76-07/24/81	5	0.03	0.026	0.03	0.02	0.	0.005	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/19/76-09/05/80	4	2.35	2.375	3.3	1.5	0.622	0.789	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/76-07/24/81	5	20.	20.2	22.	19.	1.2	1.095	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/76-09/05/80	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/76-07/24/81	5	6.7	6.84	7.3	6.6	0.093	0.305	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/76-07/24/81	5	0.7	0.72	0.9	0.5	0.032	0.179	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/76-07/24/81	5	92.	88.	96.	78.	58.	7.616	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/19/76-07/24/81	5	9.	8.58	9.3	7.6	0.737	0.858	**	**	**	**
00932	SODIUM, PERCENT	09/19/76-07/24/81	5	87.	86.	88.	84.	3.5	1.871	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/24/79-08/24/79	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/76-07/24/81	5	9.1	9.08	10.	8.1	0.497	0.705	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/76-08/29/85	10	58.	55.6	65.	28.	116.933	10.814	30.3	51.75	63.25	64.9
00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/76-07/24/81	5	20.	21.2	28.	15.	22.7	4.764	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/76-07/24/81	5	6.2	4.82	7.3	0.8	7.037	2.653	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/76-07/24/81	5	98.	105.8	150.	83.	657.2	25.636	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/25/83-08/25/83	1	690.	690.	690.	690.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/19/76-07/24/81	5	80.	78.	90.	50.	270.	16.432	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/05/80-07/24/81	2	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/76-09/19/76	1	35.	35.	35.	35.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/76-09/19/76	1	1.544	1.544	1.544	1.544	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			35.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/76-07/24/81	5	356.	360.4	416.	319.	1296.3	36.004	**	**	**	**

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

Parameter Inventory for Station: YELL0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/19/76-07/24/81	5	0.48	0.49	0.57	0.43	0.003	0.051	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/05/80-07/24/81	2	0.145	0.145	0.26	0.03	0.026	0.163	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/24/79-07/24/81	3	0.09	0.08	0.09	0.06	0.	0.017	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/24/81-07/24/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0216

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	5	0	0.00							1	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	5	0	0.00							1	0	0.00	4	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.	10	0	0.00				1	0	0.00	1	0	0.00	8	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00				1	0	0.00	1	0	0.00	8	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	5	0	0.00							1	0	0.00	4	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	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: YELL0217

NPS Station ID: YELL0217
LAT/LON: 44.643059/ 110.863893
Agency: 112WRD
Date Created: 03/04/77
Location: MADISON RIVER NR MADISON JUNCTION
FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 443835110515001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10020007072
RF1 Mile Point: 17.830
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 10020007007216.85
RF3 Mile Point: 18.18
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/76-08/29/85	10	18.	17.55	21.	13.	8.692	2.948	13.05	14.625	20.125	20.95
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/76-08/29/85	10	435.	413.5	475.	200.	6505.833	80.659	218.5	396.25	466.25	474.5
00300	OXYGEN, DISSOLVED MG/L	09/19/76-09/19/76	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/76-07/24/81	5	7.9	7.6	7.9	7.	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/76-07/24/81	5	7.9	7.425	7.9	7.	0.218	0.467	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/76-07/24/81	5	0.013	0.038	0.1	0.013	0.001	0.038	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/24/81-07/24/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/24/81-07/24/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/81-07/24/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/19/76-08/24/79	3	8.6	10.	19.	2.4	70.36	8.388	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/76-09/05/80	4	98.	95.75	99.	88.	26.917	5.188	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/19/76-08/24/79	3	120.	115.667	120.	107.	56.333	7.506	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/19/76-08/24/79	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/05/80-07/24/81	2	0.14	0.14	0.26	0.02	0.029	0.17	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/76-07/24/81	5	0.38	0.42	0.72	0.13	0.053	0.231	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/19/76-08/29/85	10 ##	0.05	0.063	0.2	0.	0.003	0.054	0.002	0.043	0.075	0.189
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/76-07/24/81	5	0.03	0.03	0.04	0.02	0.	0.007	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/19/76-09/05/80	4	2.2	2.1	2.7	1.3	0.347	0.589	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/76-07/24/81	5	18.	19.2	22.	18.	3.2	1.789	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/76-09/05/80	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/76-07/24/81	5	6.3	6.52	7.	6.2	0.127	0.356	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/76-07/24/81	5	0.7	0.72	1.	0.5	0.037	0.192	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/76-07/24/81	5	88.	85.	91.	74.	46.5	6.819	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/19/76-07/24/81	5	9.	8.46	9.2	6.9	1.008	1.004	**	**	**	**
00932	SODIUM, PERCENT	09/19/76-07/24/81	5	86.	85.8	88.	83.	3.7	1.924	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/24/79-08/24/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/76-07/24/81	5	9.1	9.34	10.	8.9	0.233	0.483	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/76-08/29/85	10	57.5	55.1	69.	23.	160.767	12.679	25.8	51.	64.	68.5
00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/76-07/24/81	5	19.	19.2	29.	11.	44.2	6.648	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/76-07/24/81	5	6.2	4.78	7.2	0.7	7.117	2.668	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/76-07/24/81	5	97.	98.6	120.	80.	203.8	14.276	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/25/83-08/25/83	1	710.	710.	710.	710.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/19/76-07/24/81	5	80.	62.	80.	20.	720.	26.833	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/05/80-07/24/81	2	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/76-09/19/76	1	26.	26.	26.	26.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/19/76-09/19/76	1	1.415	1.415	1.415	1.415	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			26.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/76-07/24/81	5	341.	344.8	374.	307.	677.7	26.033	**	**	**	**

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

Parameter Inventory for Station: YELL0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/19/76-07/24/81	5	0.46	0.47	0.51	0.42	0.001	0.036	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	09/05/80-07/24/81	2	0.18	0.18	0.33	0.03	0.045	0.212	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/24/79-07/24/81	3	0.09	0.09	0.12	0.06	0.001	0.03	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	07/24/81-07/24/81	1	6.7	6.7	6.7	6.7	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: YELL0217

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	5	0	0.00							1	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	5	0	0.00							1	0	0.00	4	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.	10	0	0.00				1	0	0.00	1	0	0.00	8	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00				1	0	0.00	1	0	0.00	8	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	5	0	0.00							1	0	0.00	4	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	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: YELL0218

NPS Station ID: YELL0218
LAT/LON: 44.649448/ 110.783892
Agency: 112WRD
Date Created: 05/19/84
Location: GIBBON RIVER NEAR WEST YELLOWSTONE MT
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06037000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 0.70
On/Off RF1:
RF3 Index: 10020007007300.00
RF3 Mile Point: 1.63
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-08/19/92	77	9.5	10.182	22.	0.	27.802	5.273	3.5	5.5	14.25	17.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-08/19/92	75	97.	144.587	672.	65.	14653.84	121.053	75.6	82.	147.	317.
00065	STAGE, STREAM (FEET)	10/23/90-08/19/92	18	2.53	2.671	3.68	2.36	0.122	0.349	2.405	2.438	2.81	3.284
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/06/88-11/03/88	2	2.35	2.35	2.8	1.9	0.405	0.636	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-08/19/92	77	365.	353.74	546.	98.	10244.221	101.214	175.4	280.5	434.5	466.4
00300	OXYGEN, DISSOLVED MG/L	10/06/88-11/03/88	2	9.3	9.3	9.6	9.	0.18	0.424	**	**	**	**
00400	PH (STANDARD UNITS)	10/06/88-08/11/89	3	7.5	7.5	7.6	7.4	0.01	0.1	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/06/88-08/11/89	3	7.5	7.492	7.6	7.4	0.01	0.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/88-08/11/89	3	0.032	0.032	0.04	0.025	0.	0.007	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/22/84-08/11/89	4	7.7	7.675	7.8	7.5	0.016	0.126	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/22/84-08/11/89	4	7.7	7.661	7.8	7.5	0.016	0.127	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/84-08/11/89	4	0.02	0.022	0.032	0.016	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/88-11/03/88	2	71.	71.	71.	71.	0.	0.	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	10/06/88-11/03/88	2	70.	70.	71.	69.	2.	1.414	**	**	**	**
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	10/06/88-11/03/88	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	10/06/88-11/03/88	2	85.	85.	86.	84.	2.	1.414	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/06/88-11/03/88	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/06/88-11/03/88	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/06/88-08/11/89	3	0.06	0.057	0.08	0.03	0.001	0.025	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/06/88-11/03/88	2	0.055	0.055	0.07	0.04	0.	0.021	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/06/88-08/11/89	3 ##	0.1	0.4	1.	0.1	0.27	0.52	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/06/88-11/03/88	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/06/88-11/03/88	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/06/88-08/11/89	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/06/88-08/11/89	3	0.01	0.087	0.24	0.01	0.018	0.133	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/06/88-08/11/89	3	0.01	0.03	0.07	0.01	0.001	0.035	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/06/88-11/03/88	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/06/88-11/03/88	2	1.4	1.4	1.5	1.3	0.02	0.141	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/06/88-11/03/88	2	0.8	0.8	1.	0.6	0.08	0.283	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/06/88-08/11/89	3	8.2	8.033	8.5	7.4	0.323	0.569	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/06/88-08/11/89	3	1.4	1.4	1.5	1.3	0.01	0.1	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/06/88-08/11/89	3	64.	61.333	75.	45.	230.333	15.177	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/06/88-08/11/89	3	15.	15.333	21.	10.	30.333	5.508	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/28/84-09/12/89	14	42.	46.714	74.	20.	293.758	17.139	24.5	32.5	63.5	72.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/06/88-08/11/89	3	26.	26.667	32.	22.	25.333	5.033	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/06/88-08/11/89	3	3.6	3.533	4.	3.	0.253	0.503	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/06/88-11/03/88	2	92.	92.	93.	91.	2.	1.414	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/21/86-10/21/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0218

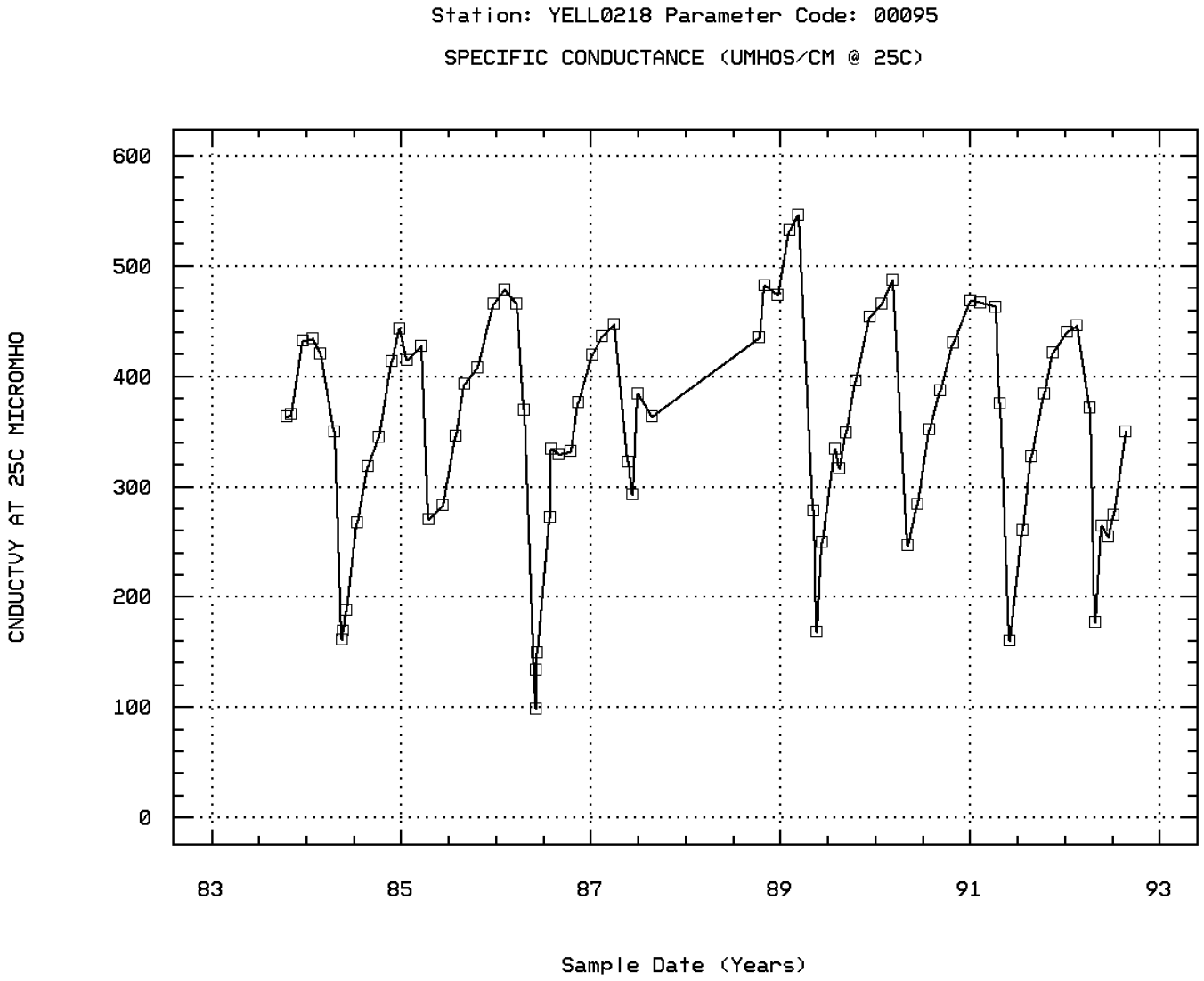
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	10/06/88-08/11/89	2	815.	815.	1000.	630.	68450.	261.63	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/06/88-11/03/88	2	175.	175.	190.	160.	450.	21.213	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/06/88-08/11/89	3	89.	81.667	94.	62.	296.333	17.214	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/06/88-11/03/88	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/06/88-08/11/89	3	5.	157.667	464.	4.	70380.333	265.293	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0218

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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.	2	0	0.00	1	0	0.00							1	0	0.00
00400	PH	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00				1	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00				1	0	0.00	2	0	0.00
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.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	14	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00

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



GIBBON RIVER NEAR WEST YELLOWSTONE MT

Annual Analysis for 1983 - Station YELL0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-08/19/92	3	6.5	8.	12.	5.5	12.25	3.5	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-08/19/92	2	100.5	100.5	101.	100.	0.5	0.707	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-08/19/92	3	365.	386.667	432.	363.	1542.333	39.273	**	**	**	**

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

Annual Analysis for 1984 - Station YELL0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-08/19/92	11	7.	9.182	21.5	3.	29.514	5.433	3.4	5.5	13.	20.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-08/19/92	11	105.	180.818	511.	84.	20844.764	144.377	84.	92.	271.	484.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-08/19/92	11	345.	318.909	443.	161.	11660.491	107.984	162.6	188.	420.	441.2

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

Annual Analysis for 1985 - Station YELL0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-08/19/92	8	9.25	10.313	18.5	3.	44.638	6.681	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-08/19/92	8	87.5	106.125	185.	72.	1519.268	38.978	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-08/19/92	8	400.5	375.75	465.	270.	4866.214	69.758	**	**	**	**

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

Annual Analysis for 1986 - Station YELL0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-08/19/92	11	11.	10.864	19.5	3.5	21.405	4.627	3.8	8.	15.	18.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-08/19/92	11	112.	226.	672.	77.	47563.	218.089	78.4	92.	390.	654.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-08/19/92	11	332.	303.273	478.	98.	16429.418	128.177	105.2	149.	376.	475.4

** - 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 1987 - Station YELL0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-08/19/92	7	11.5	10.643	16.5	3.5	25.81	5.08	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-08/19/92	6	79.	92.333	161.	69.	1187.067	34.454	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-08/19/92	7	384.	380.571	447.	293.	3396.952	58.283	**	**	**	**

** - 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 box-and-whisker plot

Annual Analysis for 1988 - Station YELL0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-08/19/92	3	5.	5.667	8.	4.	4.333	2.082	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-08/19/92	3	70.	71.	78.	65.	43.	6.557	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-08/19/92	3	473.	463.333	482.	435.	622.333	24.947	**	**	**	**

** - Less than 9 observations ## - Computed 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 YELL0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-08/19/92	10	11.5	11.55	20.	0.	42.414	6.513	0.6	6.75	19.125	19.95
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-08/19/92	10	100.	142.1	395.	77.	9969.656	99.848	77.2	81.25	181.	377.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-08/19/92	10	341.5	362.2	546.	168.	14767.289	121.521	176.1	270.75	473.5	544.6

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

Annual Analysis for 1990 - Station YELL0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-08/19/92	7	10.5	10.429	17.	2.5	24.952	4.995	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-08/19/92	7	87.	110.286	195.	76.	2014.571	44.884	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-08/19/92	7	387.	378.857	487.	247.	8150.476	90.28	**	**	**	**

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

Annual Analysis for 1991 - Station YELL0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-08/19/92	9	8.5	10.278	22.	2.5	39.569	6.29	2.5	5.75	15.5	22.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-08/19/92	9	97.	132.333	418.	71.	11916.5	109.163	71.	80.	129.	418.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-08/19/92	9	384.	369.333	468.	160.	11042.	105.081	160.	293.5	464.5	468.

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

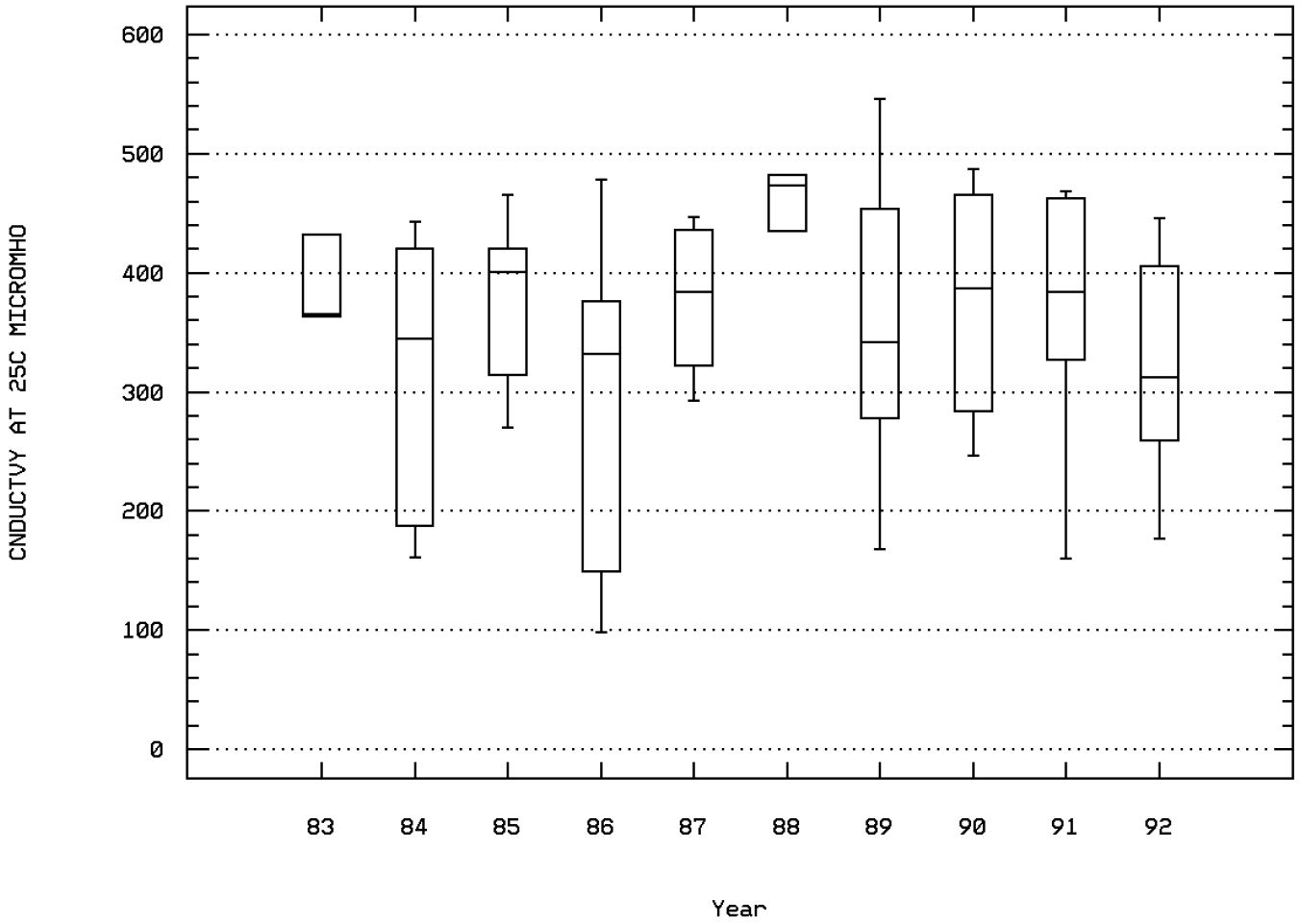
Annual Analysis for 1992 - Station YELL0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-08/19/92	8	10.5	10.563	17.	4.5	20.246	4.5	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-08/19/92	8	126.	146.	275.	75.	5877.143	76.663	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-08/19/92	8	312.	322.	446.	177.	9114.571	95.47	**	**	**	**

** - Less than 9 observations ## - Computed 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: YELL0218 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



GIBBON RIVER NEAR WEST YELLOWSTONE MT

Seasonal Analysis for Season #1: 11/01 to 4/15 - Station YELL0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-08/19/92	28	5.	5.286	13.	0.	7.119	2.668	2.5	3.5	6.5	9.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-08/19/92	27	80.	82.	104.	69.	79.154	8.897	70.8	76.	87.	95.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-08/19/92	28	446.5	449.393	546.	371.	1468.099	38.316	409.3	422.5	467.5	491.5

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

Seasonal Analysis for Season #2: 4/16 to 6/15 - Station YELL0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-08/19/92	21	11.	11.333	19.	5.5	12.233	3.498	7.1	9.25	12.5	18.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-08/19/92	20	206.	281.05	672.	105.	28021.418	167.396	129.1	147.25	393.75	577.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-08/19/92	21	249.	237.524	375.	98.	6621.262	81.371	137.	164.5	288.5	365.2

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

Seasonal Analysis for Season #3: 6/16 to 8/15 - Station YELL0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-08/19/92	11	17.5	16.727	21.5	9.	12.868	3.587	9.8	15.	19.5	21.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-08/19/92	11	119.	133.636	245.	82.	1818.455	42.643	87.	112.	153.	226.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-08/19/92	11	316.	308.455	384.	254.	1992.273	44.635	255.2	267.	346.	377.6

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

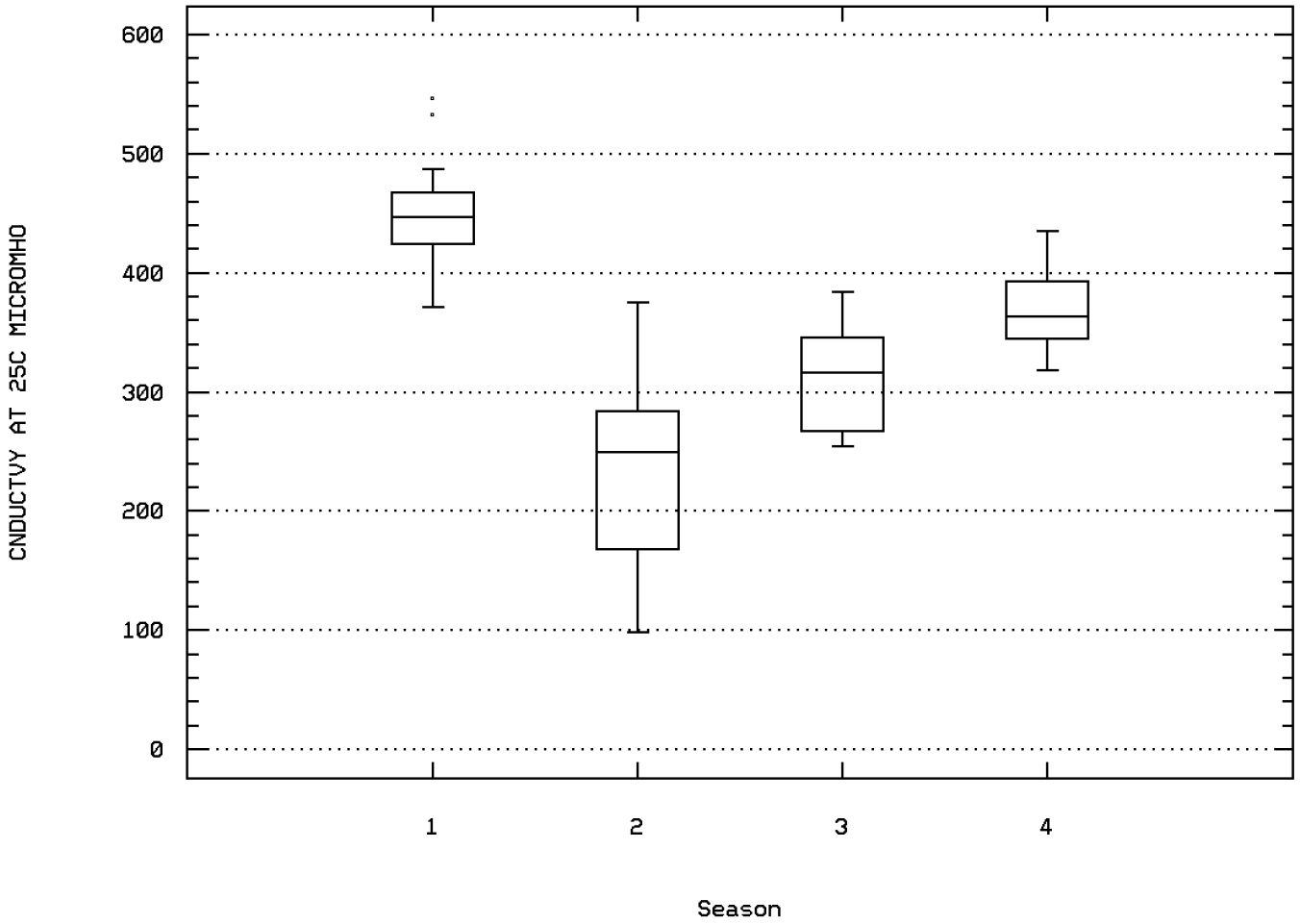
Seasonal Analysis for Season #4: 8/16 to 10/31 - Station YELL0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/83-08/19/92	17	12.	12.588	22.	6.5	17.414	4.173	7.7	9.	16.	18.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-08/19/92	17	88.	90.529	117.	65.	158.265	12.58	73.8	82.5	100.5	109.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-08/19/92	17	363.	369.059	435.	318.	1263.184	35.541	325.2	338.5	394.5	431.

** - Less than 9 observations ## - Computed 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: YELL0218 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



GIBBON RIVER NEAR WEST YELLOWSTONE MT

Station Inventory for Station: YELL0219

NPS Station ID: YELL0219 LAT/LON: 44.650809/ 110.268087 Agency: 11NPSYSP Date Created: 05/24/86
Location: EAST WHITE L. E.CENTRAL YNP N.PELICAN VALLEY FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 104600000000056
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 49 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001126 RF1 Mile Point: 13.870 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10070001012613.25 RF3 Mile Point: 13.25 Distance from RF3: 0.03 On/Off RF3:
Description:
ELEVATION (m)= 2505 CAPACITY (m cubed)= 2072515 DRAINAGE AREA (ha)= 615.1 SURFACE AREA (ha)= 29.9
AVERAGE DEPTH (m)= 6.7 MAX DEPTH (m)= 15.2 NATIVE CUTTHROAT; ORIGINALLY THOUGHT OT BE BARREN, EXCELLENT HABITAT, FI
SH EMMIGRATED UP BROAD CREEK.

Parameter Inventory for Station: YELL0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/75-08/18/75	1	16.6	16.6	16.6	16.6	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/18/75-08/18/75	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/18/75-08/18/75	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/18/75-08/18/75	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/18/75-08/18/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/75-08/18/75	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/75-08/18/75	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/75-08/18/75	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/75-08/18/75	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/75-08/18/75	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/18/75-08/18/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/18/75-08/18/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/18/75-08/18/75	1	144.	144.	144.	144.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/18/75-08/18/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/18/75-08/18/75	1	144.	144.	144.	144.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/18/75-08/18/75	1	176.	176.	176.	176.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/18/75-08/18/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/18/75-08/18/75	1	285.	285.	285.	285.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/75-08/18/75	1	2.36	2.36	2.36	2.36	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/18/75-08/18/75	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/75-08/18/75	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/18/75-08/18/75	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/18/75-08/18/75	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/18/75-08/18/75	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/18/75-08/18/75	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/18/75-08/18/75	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/18/75-08/18/75	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/18/75-08/18/75	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/75-08/18/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/75-08/18/75	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/18/75-08/18/75	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

Parameter Inventory for Station: YELL0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/75-08/18/75	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/18/75-08/18/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/18/75-08/18/75	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/18/75-08/18/75	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/18/75-08/18/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/18/75-08/18/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/18/75-08/18/75	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: YELL0219

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0220

NPS Station ID: YELL0220 LAT/LON: 44.650977/ 110.601392 Agency: 11NPSYSP Date Created: 05/24/86
Location: CYGNET L. CENTRAL PLATEAU N. OF MARY MT. FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 201800000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 16 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 14.70 On/Off RF1:
RF3 Index: 10070001027600.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:
ELEVATION (m)= 2530 CAPACITY (m cubed)= 147541 DRAINAGE AREA (ha)= 804 SURFACE AREA (ha)= 7.8
AVERAGE DEPTH (m)= 1.9 MAX DEPTH (m)= 5.2 0 FISH; NO OFFICIAL STOCKING RECORD, BECAUSE OF SHALLOW DEPTH IT IS DOUB
TFUL THAT FISH COULD OVERWINTER

Parameter Inventory for Station: YELL0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/78-08/23/78	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/78-08/23/78	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/23/78-08/23/78	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/78-08/23/78	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/23/78-08/23/78	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/78-08/23/78	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/23/78-08/23/78	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/78-08/23/78	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/23/78-08/23/78	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/23/78-08/23/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/23/78-08/23/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/78-08/23/78	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/78-08/23/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/23/78-08/23/78	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/23/78-08/23/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/23/78-08/23/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/23/78-08/23/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/23/78-08/23/78	1	11.6	11.6	11.6	11.6	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/78-08/23/78	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/23/78-08/23/78	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/23/78-08/23/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/23/78-08/23/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/23/78-08/23/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/23/78-08/23/78	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/78-08/23/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/78-08/23/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/23/78-08/23/78	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/78-08/23/78	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/23/78-08/23/78	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/23/78-08/23/78	1	13.2	13.2	13.2	13.2	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/23/78-08/23/78	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/23/78-08/23/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/23/78-08/23/78	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0220

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0221

NPS Station ID: YELL0221 LAT/LON: 44.650977/ 110.601642 Agency: 11NPSYSP Date Created: 05/24/86
Location: CYGNET L.#2, CENTRAL PLATEAU N. OF MARY MT. FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 201800000000052
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 9 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 23.60 On/Off RF1:
RF3 Index: 10020007171800.77 RF3 Mile Point: 1.41 Distance from RF3: 0.62 On/Off RF3:
Description:
ELEVATION (m)= 2530 CAPACITY (m cubed)= 67849 DRAINAGE AREA (ha)= 913 SURFACE AREA (ha)= 4.0
AVERAGE DEPTH (m)= 1.7 MAX DEPTH (m)= 3.7 0 FISH; NO OFFICIAL STOCKING RECORD, BECAUSE OF SHALLOW DEPTH IT IS DOUB
TFUL THAT FISH COULLD OVERWINTER

Parameter Inventory for Station: YELL0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/78-08/23/78	1	12.8	12.8	12.8	12.8	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/78-08/23/78	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/23/78-08/23/78	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/78-08/23/78	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/23/78-08/23/78	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/78-08/23/78	1	6.65	6.65	6.65	6.65	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/23/78-08/23/78	1	6.65	6.65	6.65	6.65	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/78-08/23/78	1	0.224	0.224	0.224	0.224	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/23/78-08/23/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/23/78-08/23/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/23/78-08/23/78	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/78-08/23/78	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/78-08/23/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/23/78-08/23/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/23/78-08/23/78	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/23/78-08/23/78	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/23/78-08/23/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/23/78-08/23/78	1	12.1	12.1	12.1	12.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/78-08/23/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/23/78-08/23/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/23/78-08/23/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/23/78-08/23/78	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/23/78-08/23/78	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/23/78-08/23/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/78-08/23/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/78-08/23/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/23/78-08/23/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/78-08/23/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/23/78-08/23/78	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/23/78-08/23/78	1	12.9	12.9	12.9	12.9	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/23/78-08/23/78	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/23/78-08/23/78	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/23/78-08/23/78	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0221

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	1	1.00										1	1	1.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0222

NPS Station ID: YELL0222 LAT/LON: 44.651226/ 109.884087 Agency: 11NPSYSP Date Created: 07/07/90
Location: LITTLE LAMAR RIVER 100 M ABOVE TRIB 10334718 FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 103347000000002
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 10070001015300.00 RF3 Mile Point: 0.28 Distance from RF3: 0.25 On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1075.00 STREAM LENGTH (km)= 2.4 % GRADIENT= 3.24
HIGHEST ELEVATION (m)=2755.4 LOWEST ELEVATION (m)=2677.7 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0222

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: YELL0223

NPS Station ID: YELL0223 LAT/LON: 44.651503/ 110.601392 Agency: 11NPSYSP Date Created: 05/24/86
Location: CYGNET L.#3, CENTRAL PLATEAU N. OF MARY MT. FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 201800000000053
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 13 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 23.60 On/Off RF1:
RF3 Index: 10020007171800.77 RF3 Mile Point: 1.41 Distance from RF3: 0.62 On/Off RF3:
Description:
ELEVATION (m)= 2530 CAPACITY (m cubed)= 88821 DRAINAGE AREA (ha)= 974 SURFACE AREA (ha)= 4.0
AVERAGE DEPTH (m)= 2.2 MAX DEPTH (m)= 4.0 0 FISH; NO OFFICIAL RECORD OF STOCKING, BECAUSE OF SHALLOW DEPTH IT ISD
OUBTFUL THAT FISH COULD OVERWINTER.

Parameter Inventory for Station: YELL0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/78-08/23/78	1	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/78-08/23/78	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/23/78-08/23/78	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/78-08/23/78	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/23/78-08/23/78	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/78-08/23/78	1	6.62	6.62	6.62	6.62	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/23/78-08/23/78	1	6.62	6.62	6.62	6.62	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/78-08/23/78	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/23/78-08/23/78	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/23/78-08/23/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/23/78-08/23/78	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/78-08/23/78	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/78-08/23/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/23/78-08/23/78	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/23/78-08/23/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/23/78-08/23/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/23/78-08/23/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/23/78-08/23/78	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/78-08/23/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/23/78-08/23/78	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/23/78-08/23/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/23/78-08/23/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/23/78-08/23/78	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/23/78-08/23/78	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/78-08/23/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/78-08/23/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/23/78-08/23/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/78-08/23/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/23/78-08/23/78	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/23/78-08/23/78	1	12.6	12.6	12.6	12.6	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/23/78-08/23/78	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/23/78-08/23/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/23/78-08/23/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0223

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0224

NPS Station ID: YELL0224 LAT/LON: 44.656948/ 111.067503 Agency: 112WRD Date Created: / /
Location: MADISON RIVER NEAR WEST YELLOWSTONE, MT. FIPS State/County: 30031 MONTANA/GALLATIN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06037500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10020007005600.00 RF3 Mile Point: 0.00 Distance from RF3: 0.06 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-11/16/92	117	15.5	14.206	27.	0.	28.415	5.331	6.4	11.25	17.75	19.54
00060	FLOW, STREAM, MEAN DAILY CFS	03/05/71-03/05/71	1	441.	441.	441.	441.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-11/16/92	111	399.	464.	1970.	0.	42496.273	206.146	377.4	391.	453.	636.
00065	STAGE, STREAM (FEET)	08/24/90-11/16/92	67	1.91	1.961	5.12	1.8	0.162	0.403	1.858	1.9	1.91	1.92
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-11/16/92	116	480.	458.466	595.	154.	4805.921	69.325	360.1	443.75	490.	515.8
00300	OXYGEN, DISSOLVED MG/L	04/14/89-11/16/92	64	7.8	7.895	10.2	6.9	0.6	0.775	7.	7.3	8.375	8.75
00400	PH (STANDARD UNITS)	04/14/89-11/16/92	63	8.13	8.162	8.64	7.6	0.067	0.258	7.904	7.94	8.37	8.506
00400	CONVERTED PH (STANDARD UNITS)	04/14/89-11/16/92	63	8.13	8.088	8.64	7.6	0.072	0.269	7.904	7.94	8.37	8.506
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/14/89-11/16/92	63	0.007	0.008	0.025	0.002	0.	0.005	0.003	0.004	0.011	0.012
00403	PH, LAB, STANDARD UNITS SU	08/21/84-11/16/92	18	8.05	8.044	8.5	7.5	0.044	0.209	7.77	7.975	8.125	8.32
00403	CONVERTED PH, LAB, STANDARD UNITS	08/21/84-11/16/92	18	8.047	7.992	8.5	7.5	0.047	0.216	7.77	7.975	8.125	8.32
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/84-11/16/92	18	0.009	0.01	0.032	0.003	0.	0.006	0.005	0.008	0.011	0.017
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/90-08/26/90	48	113.	113.	116.	110.	1.574	1.255	111.	112.	114.	114.
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	08/24/90-08/26/90	48	115.	115.063	119.	108.	4.783	2.187	112.9	114.	116.75	118.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	08/24/90-08/26/90	48	0.	1.333	8.	0.	6.355	2.521	0.	0.	1.75	6.
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	08/24/90-08/26/90	48	139.	137.563	145.	123.	38.294	6.188	126.9	134.	142.	144.
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	08/26/90-08/26/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	08/26/90-08/26/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/14/89-08/04/89	6	0.025	0.032	0.05	0.02	0.	0.015	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	04/14/89-08/04/89	6	0.45	0.533	0.8	0.4	0.031	0.175	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/14/89-08/25/90	8 ##	0.05	0.056	0.1	0.05	0.	0.018	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/14/89-08/04/89	6	0.025	0.071	0.32	0.005	0.015	0.122	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/14/89-08/04/89	6	0.02	0.018	0.03	0.005	0.	0.009	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/24/90-08/26/90	49	0.008	0.009	0.017	0.006	0.	0.003	0.006	0.007	0.011	0.013
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	08/24/90-08/25/90	2	24.	24.	25.	23.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/14/89-08/25/90	8	6.6	6.325	7.1	5.2	0.494	0.703	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/14/89-08/25/90	8	0.8	0.8	1.	0.7	0.009	0.093	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/14/89-08/25/90	8	83.5	75.875	95.	43.	378.982	19.467	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/14/89-08/25/90	8	8.8	8.15	9.8	5.6	2.74	1.655	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/06/84-11/16/92	24	61.5	55.625	70.	28.	157.114	12.535	31.5	46.75	64.	67.5
00945	SULFATE, TOTAL (MG/L AS SO4)	04/14/89-08/25/90	8	16.	15.875	21.	11.	12.696	3.563	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/17/89-05/17/89	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/90-08/25/90	2	98.5	98.5	99.	98.	0.5	0.707	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/91-10/08/91	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/12/86-09/07/88	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01020	BORON, DISSOLVED (UG/L AS B)	04/14/89-11/16/92	17	770.	715.882	930.	400.	25575.735	159.924	432.	570.	845.	882.
01046	IRON, DISSOLVED (UG/L AS FE)	08/24/90-08/25/90	4	55.5	57.	67.	50.	71.333	8.446	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/90-08/25/90	2	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0224

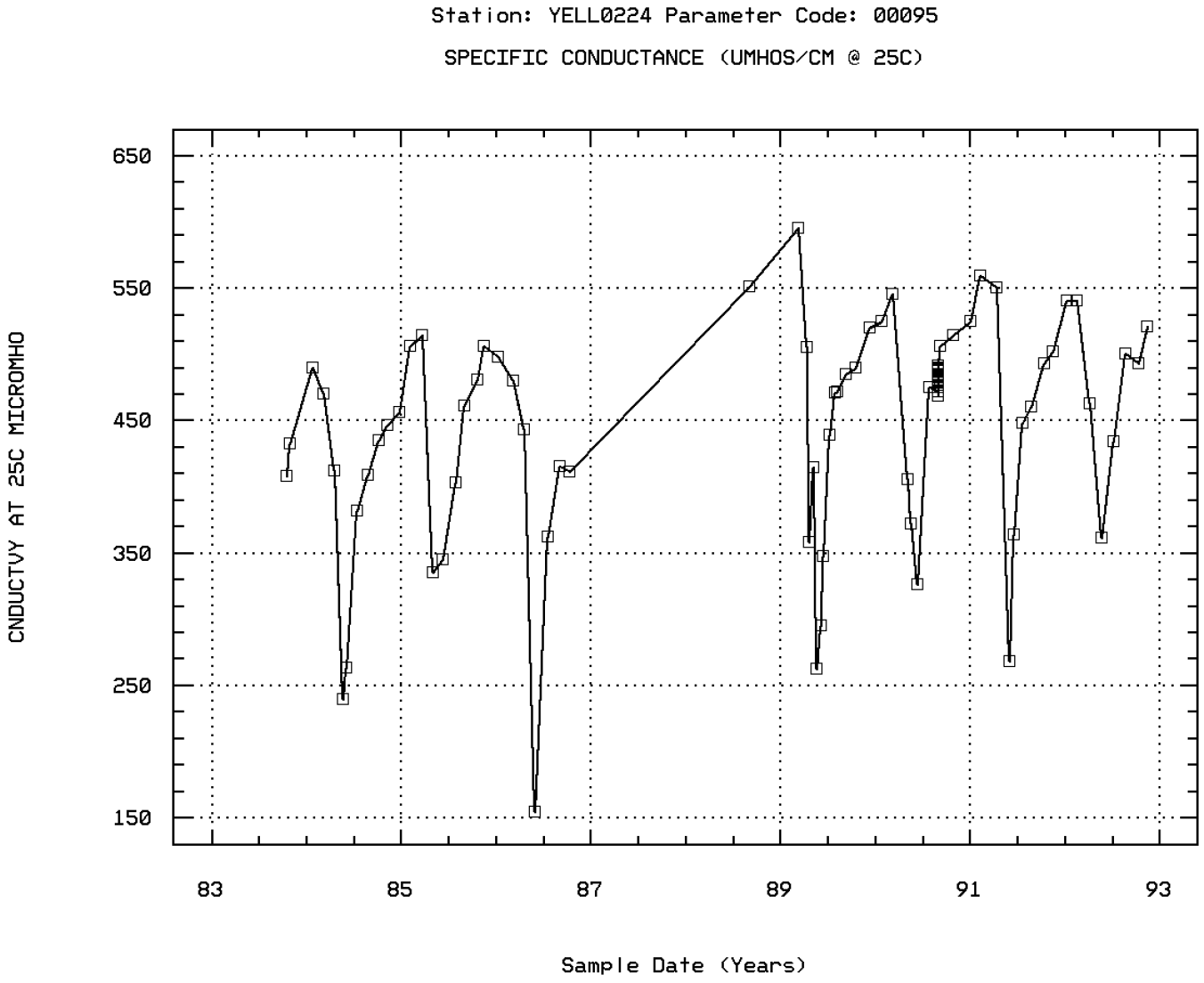
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/24/90-08/25/90	2	16.5	16.5	18.	15.	4.5	2.121	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/24/90-11/16/92	11	620.	606.364	700.	440.	5485.455	74.064	454.	590.	660.	694.
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	08/26/90-08/26/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/14/89-11/16/92	17	76.	73.941	92.	48.	244.434	15.634	48.	59.	89.5	92.
71890	MERCURY, DISSOLVED (UG/L AS HG)	03/05/71-03/05/71	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/14/89-11/16/92	17	7.	11.059	45.	2.	144.184	12.008	2.	4.	11.	35.4

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

EPA Water Quality Criteria Analysis for Station: YELL0224

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	64	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00	52	0	0.00
00400	PH	Other-Hi Lim.	9.	63	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00	52	0	0.00
		Other-Lo Lim.	6.5	63	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00	52	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	18	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	18	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00	6	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	8	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	24	0	0.00	7	0	0.00	6	0	0.00	4	0	0.00	7	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	8	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	10	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	50.	10	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	2	0	0.00										2	0	0.00
		Drinking Water	10.	2	2	1.00										2	2	1.00
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



MADISON RIVER NEAR WEST YELLOWSTONE, MT

Annual Analysis for 1971 - Station YELL0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-11/16/92	1	1.5	1.5	1.5	1.5	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 box-and-whisker plot

Annual Analysis for 1983 - Station YELL0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-11/16/92	2	9.25	9.25	10.	8.5	1.125	1.061	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-11/16/92	2	468.5	468.5	469.	468.	0.5	0.707	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-11/16/92	2	420.	420.	432.	408.	288.	16.971	**	**	**	**

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

Annual Analysis for 1984 - Station YELL0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-11/16/92	10	9.5	10.55	20.	0.	40.858	6.392	0.6	6.375	15.5	20.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-11/16/92	9	484.	602.556	1180.	405.	72874.028	269.952	405.	456.5	728.5	1180.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-11/16/92	10	423.5	400.2	490.	239.	7190.622	84.798	241.4	352.25	459.5	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 box-and-whisker plot

Annual Analysis for 1985 - Station YELL0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-11/16/92	8	12.75	10.875	16.5	0.	41.696	6.457	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-11/16/92	8	444.5	489.75	659.	379.	11052.214	105.13	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-11/16/92	8	471.	443.875	514.	335.	5372.696	73.299	**	**	**	**

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

Annual Analysis for 1986 - Station YELL0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-11/16/92	7	13.	12.286	22.	3.	41.988	6.48	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-11/16/92	5	519.	709.2	1970.	0.	551365.7	742.54	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-11/16/92	7	415.	394.714	498.	154.	13327.238	115.444	**	**	**	**

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

Annual Analysis for 1988 - Station YELL0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-11/16/92	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-11/16/92	1	327.	327.	327.	327.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-11/16/92	1	551.	551.	551.	551.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed 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 YELL0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-11/16/92	13	16.	14.885	25.	6.5	22.881	4.783	7.1	11.75	17.	22.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-11/16/92	11	391.	528.636	975.	369.	44097.655	209.994	370.6	377.	726.	931.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-11/16/92	13	471.	434.846	595.	262.	9131.141	95.557	275.2	352.5	497.5	565.

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

Annual Analysis for 1990 - Station YELL0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-11/16/92	58	16.	16.26	21.5	2.	8.627	2.937	14.	15.	18.5	19.05
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-11/16/92	58	399.	407.207	674.	352.	2980.904	54.598	391.	391.	399.	406.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-11/16/92	58	482.5	479.328	545.	326.	892.224	29.87	472.	480.	487.25	490.1

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

Annual Analysis for 1991 - Station YELL0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-11/16/92	9	12.5	12.444	27.	1.5	64.84	8.052	1.5	6.	18.5	27.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-11/16/92	9	421.	497.778	1060.	377.	49259.694	221.945	377.	384.	516.5	1060.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-11/16/92	9	493.	463.222	559.	268.	8888.694	94.28	268.	406.	537.5	559.

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

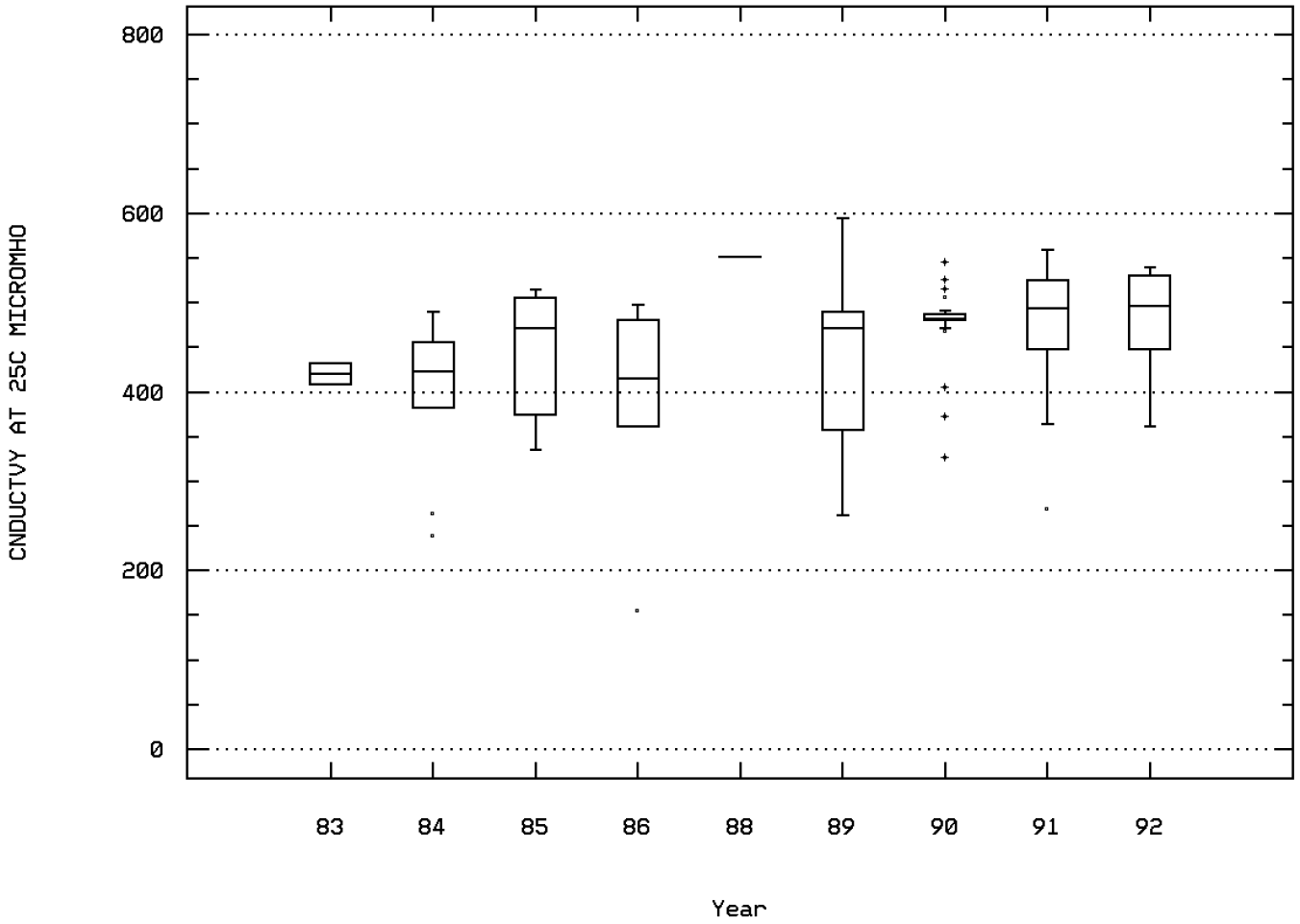
Annual Analysis for 1992 - Station YELL0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-11/16/92	8	9.	12.375	23.	6.	47.268	6.875	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-11/16/92	8	395.5	430.	623.	355.	7678.	87.624	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-11/16/92	8	496.5	481.5	540.	361.	3714.	60.943	**	**	**	**

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

Station: YELL0224 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



MADISON RIVER NEAR WEST YELLOWSTONE, MT

Seasonal Analysis for Season #1: 11/01 to 4/15 - Station YELL0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-11/16/92	23	6.5	6.022	16.	0.	14.92	3.863	0.6	2.	7.5	11.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-11/16/92	21	399.	386.238	484.	0.	8865.29	94.156	357.	377.	427.5	451.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-11/16/92	22	510.	511.636	595.	446.	1298.338	36.032	458.1	487.5	540.	556.3

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

Seasonal Analysis for Season #2: 4/16 to 6/15 - Station YELL0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-11/16/92	17	14.	13.941	20.5	7.5	10.965	3.311	8.7	12.	16.	19.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-11/16/92	15	674.	834.8	1970.	484.	138304.029	371.892	509.2	632.	975.	1496.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-11/16/92	17	345.	329.353	443.	154.	5604.368	74.862	222.	265.5	388.5	419.8

** - 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: 6/16 to 8/15 - Station YELL0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-11/16/92	10	19.75	20.3	27.	16.	13.122	3.622	16.05	17.25	22.75	26.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-11/16/92	10	461.	473.7	604.	369.	7506.233	86.639	370.9	390.25	544.75	604.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-11/16/92	10	436.5	425.	475.	362.	1961.556	44.289	362.2	377.5	471.25	474.7

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

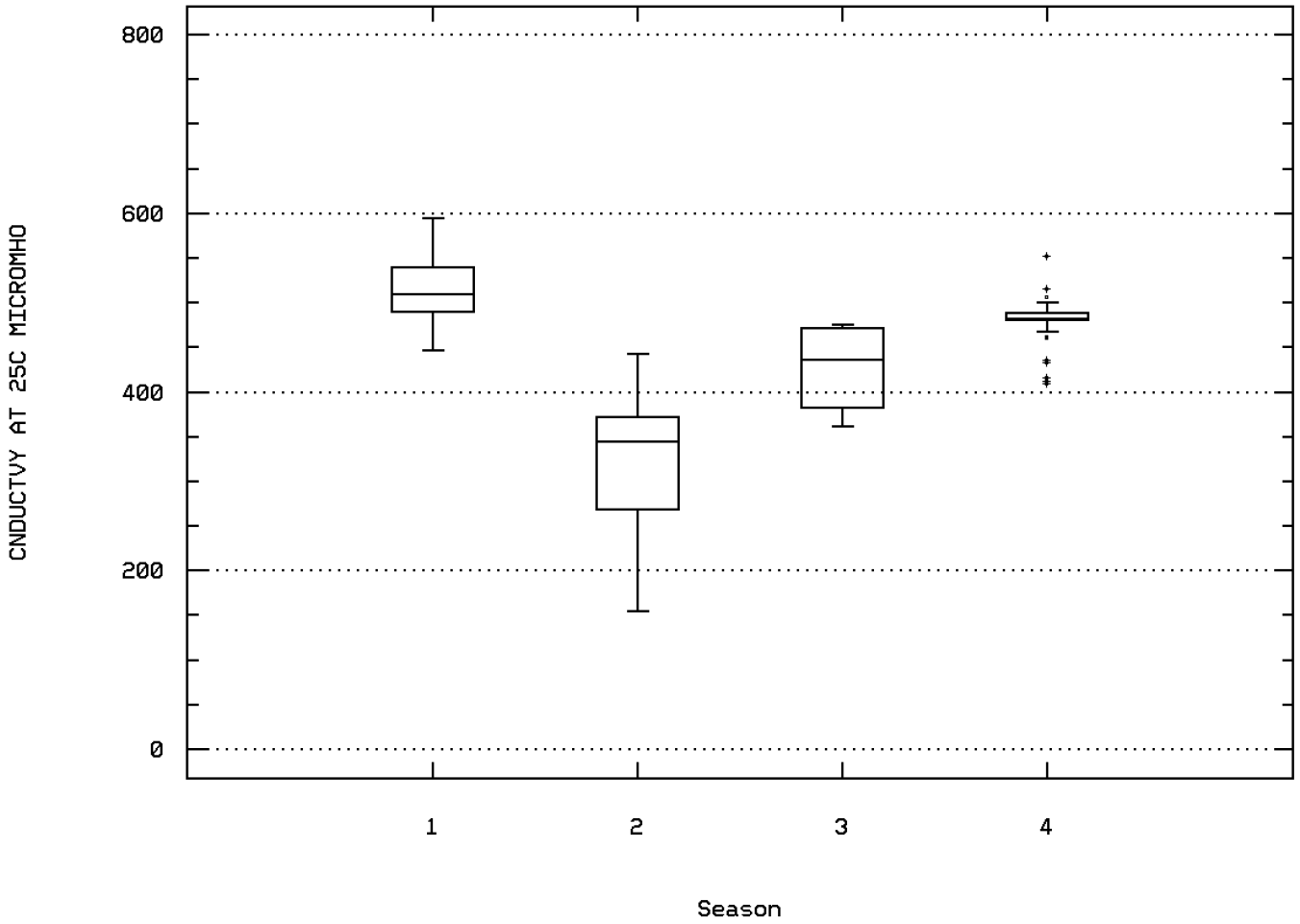
Seasonal Analysis for Season #4: 8/16 to 10/31 - Station YELL0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/71-11/16/92	67	16.	16.173	23.	7.	7.605	2.758	13.	15.	18.	19.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/12/83-11/16/92	65	399.	402.062	519.	327.	840.496	28.991	391.	391.	399.	435.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/12/83-11/16/92	67	482.	478.761	551.	408.	510.7	22.599	455.	480.	488.	491.4

** - 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

Station: YELL0224 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



MADISON RIVER NEAR WEST YELLOWSTONE, MT

Station Inventory for Station: YELL0225

NPS Station ID: YELL0225
LAT/LON: 44.656948/ 111.067503
Agency: 21MTHDWQ
Date Created: 01/09/93
Location: WOOD R. NR MISSOULA ,MT
FIPS State/County: 30031 MONTANA/GALLATIN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 1540WO01
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: N CENT MISS FR MILK TO SPR CRK
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 32.50
On/Off RF1:
RF3 Index: 10020008093801.28
RF3 Mile Point: 1.27
Distance from RF3: 0.10
On/Off RF3:
Description:
NOWHERE NEAR MISSOULA. CLOSER TO W. YELLOWSTONE, BY LEGAL DESC

Parameter Inventory for Station: YELL0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/87-06/02/87	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/02/87-06/02/87	1	586.	586.	586.	586.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/02/87-06/02/87	1	386.	386.	386.	386.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/02/87-06/02/87	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 time series plot

EPA Water Quality Criteria Analysis for Station: YELL0225

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	1	1.00				1	1	1.00						

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

Station Inventory for Station: YELL0226

NPS Station ID: YELL0226
LAT/LON: 44.659726/ 111.107503
Agency: 112WRD
Date Created: 04/14/78
Location: 13S05E34BC 01
FIPS State/County: 30031 MONTANA/GALLATIN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 443935111062700
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 5.30
On/Off RF1:
RF3 Index: 17040203068700.00
RF3 Mile Point: 1.09
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/77-09/07/77	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/77-09/07/77	1	104.	104.	104.	104.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/77-09/07/77	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/77-09/07/77	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/77-09/07/77	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/07/77-09/07/77	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/07/77-09/07/77	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/07/77-09/07/77	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/07/77-09/07/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/07/77-09/07/77	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/07/77-09/07/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/07/77-09/07/77	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/07/77-09/07/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/07/77-09/07/77	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/07/77-09/07/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/07/77-09/07/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/07/77-09/07/77	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/07/77-09/07/77	1	61.	61.	61.	61.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/07/77-09/07/77	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/77-09/07/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/77-09/07/77	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/07/77-09/07/77	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/07/77-09/07/77	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/07/77-09/07/77	1	60.	60.	60.	60.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/07/77-09/07/77	1	88.	88.	88.	88.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/07/77-09/07/77	1	0.12	0.12	0.12	0.12	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: YELL0226

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

& - 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: YELL0226

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0227

NPS Station ID: YELL0227
LAT/LON: 44.666699/ 110.266809
Agency: 11NPSYSP
Date Created: 05/24/86
Location: E.TERN L. N.OF PELICAN VALLEY BETWEEN FERN&WHITE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 104600000000053
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001126
RF1 Mile Point: 12.720
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 10070001012613.25
RF3 Mile Point: 13.25
Distance from RF3: 0.02
On/Off RF3:
Description:
ELEVATION (m)= 2502 CAPACITY (m cubed)= 66617 DRAINAGE AREA (ha)= 1254.6 SURFACE AREA (ha)= 21.9
AVERAGE DEPTH (m)= .3 MAX DEPTH (m)= .9 0 FISH; ALTHOUGH A TRANSITORY FISH POPULATION MAY EXIST IN THE SUMMER IT
IS TOO SHALLOW FOR FISH TO OVERWINTER.

Parameter Inventory for Station: YELL0227

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/75-08/15/75	1	17.7	17.7	17.7	17.7	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/15/75-08/15/75	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/15/75-08/15/75	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/15/75-08/15/75	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/15/75-08/15/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/15/75-08/15/75	1	390.	390.	390.	390.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/15/75-08/15/75	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/15/75-08/15/75	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/15/75-08/15/75	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/15/75-08/15/75	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/15/75-08/15/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/15/75-08/15/75	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/15/75-08/15/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/15/75-08/15/75	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/15/75-08/15/75	1	128.	128.	128.	128.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/15/75-08/15/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/15/75-08/15/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/15/75-08/15/75	1	255.	255.	255.	255.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/15/75-08/15/75	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/15/75-08/15/75	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/75-08/15/75	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/15/75-08/15/75	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/15/75-08/15/75	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/15/75-08/15/75	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/15/75-08/15/75	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/15/75-08/15/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/15/75-08/15/75	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/15/75-08/15/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/15/75-08/15/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/15/75-08/15/75	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/15/75-08/15/75	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0227

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/15/75-08/15/75	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/15/75-08/15/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/15/75-08/15/75	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/15/75-08/15/75	1	1.83	1.83	1.83	1.83	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/15/75-08/15/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/15/75-08/15/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/15/75-08/15/75	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: YELL0227

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00							1	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	1	1.00							1	1	1.00			
		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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0228

NPS Station ID: YELL0228 LAT/LON: 44.666699/ 110.266809 Agency: 11NPSYSP Date Created: 05/24/86
Location: W.TERN L. N.OF PELICAN VALLEY BETWEEN FERN&WHITE FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 104600000000054
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 6 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001126 RF1 Mile Point: 12.720 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10070001012613.25 RF3 Mile Point: 13.25 Distance from RF3: 0.03 On/Off RF3:
Description:
ELEVATION (m)= 2504 CAPACITY (m cubed)= 197382 DRAINAGE AREA (ha)= 68.8 SURFACE AREA (ha)= 13.
AVERAGE DEPTH (m)= 1.5 MAX DEPTH (m)= 2.7 0 FISH; ALTHOUGH A TRANSITORY POPULATION OF FISH MAY EXIST PARTS OF THE YEAR FROM BRAOD CREEK , IT IS TOO SHALLOW FOR THEM TO OVERWINTER.

Parameter Inventory for Station: YELL0228

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/75-08/16/75	1	16.1	16.1	16.1	16.1	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/16/75-08/16/75	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/16/75-08/16/75	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/16/75-08/16/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/16/75-08/16/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/16/75-08/16/75	1	670.	670.	670.	670.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/16/75-08/16/75	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/16/75-08/16/75	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/16/75-08/16/75	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/16/75-08/16/75	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/16/75-08/16/75	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/16/75-08/16/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/16/75-08/16/75	1	156.	156.	156.	156.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/16/75-08/16/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/16/75-08/16/75	1	156.	156.	156.	156.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/16/75-08/16/75	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/16/75-08/16/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/16/75-08/16/75	1	420.	420.	420.	420.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/16/75-08/16/75	1	1.12	1.12	1.12	1.12	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/16/75-08/16/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/16/75-08/16/75	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/16/75-08/16/75	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/16/75-08/16/75	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/16/75-08/16/75	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/16/75-08/16/75	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/16/75-08/16/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/16/75-08/16/75	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/16/75-08/16/75	1	30.4	30.4	30.4	30.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/16/75-08/16/75	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/16/75-08/16/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/16/75-08/16/75	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

Parameter Inventory for Station: YELL0228

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/16/75-08/16/75	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/16/75-08/16/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/16/75-08/16/75	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/16/75-08/16/75	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/16/75-08/16/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/16/75-08/16/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/16/75-08/16/75	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: YELL0228

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0229

NPS Station ID: YELL0229 LAT/LON: 44.666699/ 110.601531 Agency: 11NPSYSP Date Created: 05/24/86
Location: CYGNET L.#4, CENTRAL PLATEAU N. OF MARY MT. FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 201800000000054
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 9 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 23.20 On/Off RF1:
RF3 Index: 10020007171800.77 RF3 Mile Point: 1.41 Distance from RF3: 0.59 On/Off RF3:
Description:
ELEVATION (m)= 2530 CAPACITY (m cubed)= 46261 DRAINAGE AREA (ha)= 1026 SURFACE AREA (ha)= 2.7
AVERAGE DEPTH (m)= 1.7 MAX DEPTH (m)= 3.4 0 FISH; NO OFFICIAL STOCKING RECORD, BECAUSE OF SHALLOW DEPTH IT IS DOUB
TFUL THAT FISH COULD OVER WINTER.

Parameter Inventory for Station: YELL0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/78-08/23/78	2	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/78-08/23/78	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/23/78-08/23/78	2	40.	40.	75.	5.	2450.	49.497	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/23/78-08/23/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/78-08/23/78	2	42.	42.	42.	42.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/23/78-08/23/78	2	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/78-08/23/78	2	6.62	6.62	6.62	6.62	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/23/78-08/23/78	2	6.62	6.62	6.62	6.62	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/78-08/23/78	2	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/23/78-08/23/78	2	15.5	15.5	23.	8.	112.5	10.607	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/23/78-08/23/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	2	19.	19.	20.	18.	2.	1.414	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/23/78-08/23/78	2	19.	19.	20.	18.	2.	1.414	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/23/78-08/23/78	2	23.	23.	24.	22.	2.	1.414	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/23/78-08/23/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/78-08/23/78	2	41.5	41.5	50.	33.	144.5	12.021	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/78-08/23/78	2	1.215	1.215	2.35	0.08	2.576	1.605	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/23/78-08/23/78	2	0.06	0.06	0.11	0.01	0.005	0.071	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/23/78-08/23/78	2	0.28	0.28	0.37	0.19	0.016	0.127	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/23/78-08/23/78	2	0.23	0.23	0.37	0.09	0.039	0.198	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/23/78-08/23/78	2	0.08	0.08	0.1	0.06	0.001	0.028	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	2	0.2	0.2	0.37	0.03	0.058	0.24	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/23/78-08/23/78	2	14.5	14.5	15.	14.	0.5	0.707	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/78-08/23/78	2	20.	20.	24.	16.	32.	5.657	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/23/78-08/23/78	2	5.2	5.2	6.8	3.6	5.12	2.263	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/23/78-08/23/78	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/23/78-08/23/78	2	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/23/78-08/23/78	2	4.7	4.7	5.2	4.2	0.5	0.707	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/23/78-08/23/78	2	1.05	1.05	1.2	0.9	0.045	0.212	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/78-08/23/78	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 time series plot

Parameter Inventory for Station: YELL0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/78-08/23/78	2	10.5	10.5	12.	9.	4.5	2.121	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/23/78-08/23/78	2	0.48	0.48	0.9	0.06	0.353	0.594	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/78-08/23/78	2	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/23/78-08/23/78	2	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/23/78-08/23/78	2	12.1	12.1	12.6	11.6	0.5	0.707	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	2	0.2	0.2	0.37	0.03	0.058	0.24	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/23/78-08/23/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/23/78-08/23/78	2	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/23/78-08/23/78	2	0.21	0.21	0.22	0.2	0.	0.014	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/23/78-08/23/78	2	1.05	1.05	1.2	0.9	0.045	0.212	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0229

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	0	0.00										2	0	0.00
00400	PH	Other-Hi Lim.	9.	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 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
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00										2	2	1.00
		Drinking Water	1300.	2	0	0.00										2	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00										2	0	0.00

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

Station Inventory for Station: YELL0230

NPS Station ID: YELL0230 LAT/LON: 44.666865/ 110.616782 Agency: 11NPSYSP Date Created: 05/24/86
Location: CYGNET L.#5, CENTRAL PLATEAUN. OF MARY MT. FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 201800000000055
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 9 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 14.40 On/Off RF1:
RF3 Index: 10020007171800.31 RF3 Mile Point: 0.31 Distance from RF3: 0.51 On/Off RF3:
Description:
ELEVATION (m)= 2530 CAPACITY (m cubed)= 105351 DRAINAGE AREA (ha)= 108 SURFACE AREA (ha)= 4.9
AVERAGE DEPTH (m)= 2.1 MAX DEPTH (m)= 3.7 0 FISH; NO OFFICIAL RECORD OF STOCKING, BECAUSE OF SHALLOW DEPTH IT ISD
OUBTFUL THAT FISH COULD OVERWINTER.

Parameter Inventory for Station: YELL0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/78-08/23/78	1	13.6	13.6	13.6	13.6	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/23/78-08/23/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/23/78-08/23/78	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/78-08/23/78	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/23/78-08/23/78	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/78-08/23/78	1	6.75	6.75	6.75	6.75	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/23/78-08/23/78	1	6.75	6.75	6.75	6.75	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/78-08/23/78	1	0.178	0.178	0.178	0.178	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/23/78-08/23/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/23/78-08/23/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/23/78-08/23/78	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/78-08/23/78	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/78-08/23/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/23/78-08/23/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/23/78-08/23/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/23/78-08/23/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/23/78-08/23/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/23/78-08/23/78	1	20.7	20.7	20.7	20.7	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/78-08/23/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/23/78-08/23/78	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/23/78-08/23/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/23/78-08/23/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/23/78-08/23/78	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/23/78-08/23/78	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/78-08/23/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/78-08/23/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/23/78-08/23/78	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/78-08/23/78	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/23/78-08/23/78	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/23/78-08/23/78	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/23/78-08/23/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/23/78-08/23/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/23/78-08/23/78	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/23/78-08/23/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/23/78-08/23/78	1	1.5	1.5	1.5	1.5	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: YELL0230

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0231

NPS Station ID: YELL0231 LAT/LON: 44.666948/ 110.001059 Agency: 11NPSYSP Date Created: 07/07/90
Location: LAMAR RIVER ABOVE LITTLE LAMAR RIVER FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 103300000000002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 2.30 On/Off RF1:
RF3 Index: 10070001014800.00 RF3 Mile Point: 0.96 Distance from RF3: 0.26 On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)=11084.60 STREAM LENGTH (km)= 14.0 % GRADIENT= 4.57
HIGHEST ELEVATION (m)=2901.7 LOWEST ELEVATION (m)=2261.6 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0231

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: YELL0232

NPS Station ID: YELL0232
LAT/LON: 44.666948/ 110.001059
Agency: 11NPSYSP
Date Created: 07/07/90
Location: LITTLE LAMAR RIVER AT MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103347000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 2.20
On/Off RF1:
RF3 Index: 10070001014800.00
RF3 Mile Point: 0.96
Distance from RF3: 0.26
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 3969.85 STREAM LENGTH (km)= 13.4 % GRADIENT= 5.22
HIGHEST ELEVATION (m)=2962.7 LOWEST ELEVATION (m)=2261.6 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0232

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: YELL0233

NPS Station ID: YELL0233
LAT/LON: 44.667587/ 110.266809
Agency: 11NPSYSP
Date Created: 07/07/90
Location: BROAD CREEK 19.31 KM ABOVE MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 104600000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.80
On/Off RF1:
RF3 Index: 10070001012700.00
RF3 Mile Point: 0.76
Distance from RF3: 0.30
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2105.45 STREAM LENGTH (km)= 3.89 % GRADIENT= .10
HIGHEST ELEVATION (m)=2504.8 LOWEST ELEVATION (m)=2500.9 INTRODUCED CUTTHROAT TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0233

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: YELL0234

NPS Station ID: YELL0234 LAT/LON: 44.667615/ 110.268059 Agency: 11NPSYSP Date Created: 05/24/86
Location: FERN L. E.YNP N.OF PELICAN VALLEY&SW MIRROR PLAT FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 104600000000052
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 22 Aquifer:
Major Basin: MISSSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001126 RF1 Mile Point: 12.220 Distance from RF1: 11.10 On/Off RF1: ON
RF3 Index: 10070001057400.00 RF3 Mile Point: 0.10 Distance from RF3: 0.29 On/Off RF3:
Description:
ELEVATION (m)= 2513 CAPACITY (m cubed)= 1443358 DRAINAGE AREA (ha)= 393 SURFACE AREA (ha)= 222
AVERAGE DEPTH (m)= 4 MAX DEPTH (m)= 7.6 NATIVE CUTTHROAT; HISTORICALLY BARREN, TROUT HAVE EMMIGRATED UP BROAD CREEK.

Parameter Inventory for Station: YELL0234

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/75-08/12/75	1	19.5	19.5	19.5	19.5	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/12/75-08/12/75	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/12/75-08/12/75	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/75-08/12/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/12/75-08/12/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/12/75-08/12/75	1	156.	156.	156.	156.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/12/75-08/12/75	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/12/75-08/12/75	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/12/75-08/12/75	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/12/75-08/12/75	1	2.512	2.512	2.512	2.512	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/12/75-08/12/75	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/12/75-08/12/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/12/75-08/12/75	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/12/75-08/12/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/12/75-08/12/75	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/12/75-08/12/75	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/12/75-08/12/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/12/75-08/12/75	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/12/75-08/12/75	1	0.88	0.88	0.88	0.88	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/12/75-08/12/75	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/12/75-08/12/75	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/12/75-08/12/75	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/12/75-08/12/75	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/12/75-08/12/75	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/12/75-08/12/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/12/75-08/12/75	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/12/75-08/12/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/12/75-08/12/75	1	6.06	6.06	6.06	6.06	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/75-08/12/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/75-08/12/75	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/12/75-08/12/75	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

Parameter Inventory for Station: YELL0234

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/75-08/12/75	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/12/75-08/12/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/12/75-08/12/75	1	13.2	13.2	13.2	13.2	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/12/75-08/12/75	1	0.192	0.192	0.192	0.192	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/12/75-08/12/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/12/75-08/12/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/12/75-08/12/75	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: YELL0234

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00							1	0	0.00			
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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0235

NPS Station ID: YELL0235 LAT/LON: 44.667670/ 110.366893 Agency: 11NPSYSP Date Created: 05/24/86
Location: DEWDROP L. 12KM N.OF FISHING BRIDGE CENTRAL YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 106400000000053
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 22 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001125 RF1 Mile Point: 0.300 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10070001012300.00 RF3 Mile Point: 7.95 Distance from RF3: 0.20 On/Off RF3:
Description:
ELEVATION (m)= 2481 CAPACITY (m cubed)= 142261 DRAINAGE AREA (ha)= 19.8 SURFACE AREA (ha)= 3.7
AVERAGE DEPTH (m)= 3.8 MAX DEPTH (m)= 7.6 0 FISH; DYSTROPHIC LAKE, NO OFFICIAL STOCKING DUE TO UNSUITABLE HABITAT.

Parameter Inventory for Station: YELL0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/79-08/28/79	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/28/79-08/28/79	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/79-08/28/79	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/28/79-08/28/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/28/79-08/28/79	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/28/79-08/28/79	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/28/79-08/28/79	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/28/79-08/28/79	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/79-08/28/79	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/28/79-08/28/79	1	519.	519.	519.	519.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/28/79-08/28/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/28/79-08/28/79	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/28/79-08/28/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/28/79-08/28/79	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/28/79-08/28/79	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/28/79-08/28/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/79-08/28/79	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/79-08/28/79	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/79-08/28/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/28/79-08/28/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/28/79-08/28/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/28/79-08/28/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/28/79-08/28/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/28/79-08/28/79	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/28/79-08/28/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/28/79-08/28/79	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/28/79-08/28/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/28/79-08/28/79	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/28/79-08/28/79	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/28/79-08/28/79	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/28/79-08/28/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/28/79-08/28/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/28/79-08/28/79	1	0.61	0.61	0.61	0.61	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/28/79-08/28/79	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/28/79-08/28/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/28/79-08/28/79	1	16.8	16.8	16.8	16.8	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/28/79-08/28/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/28/79-08/28/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/28/79-08/28/79	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/28/79-08/28/79	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/28/79-08/28/79	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0235

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0236

NPS Station ID: YELL0236 LAT/LON: 44.667726/ 110.468253 Agency: 11NPSYSP Date Created: 07/07/90
Location: ALUMCK 20M ABOVE HIGHWAY BRIDGE AT MOUTH FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 106100000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.60 On/Off RF1:
RF3 Index: 10070001003510.58 RF3 Mile Point: 11.68 Distance from RF3: 0.02 On/Off RF3:
Description:
2 6478.4 23.2 .75
2514.62340.8 CUTTHROAT TROUT LONGNOSE DACE AND REDSIDE SHINERS PRESENT. THERMAL IN-
FLUENCE PRESENT.

Parameter Inventory for Station: YELL0236

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: YELL0237

NPS Station ID: YELL0237
LAT/LON: 44.667892/ 110.050338
Agency: 11NPSYSP
Date Created: 07/07/90
Location: LAMAR RIVER ABOVE COLD CREEK
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103300000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 4.10
On/Off RF1:
RF3 Index: 10070001002600.00
RF3 Mile Point: 1.83
Distance from RF3: 0.23
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)=16916.05 STREAM LENGTH (km)= 18.2 % GRADIENT= 3.75
HIGHEST ELEVATION (m)=2901.7 LOWEST ELEVATION (m)=2218.9 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0237

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: YELL0238

NPS Station ID: YELL0238 LAT/LON: 44.667892/ 110.050477 Agency: 11NPSYSP Date Created: 07/07/90
Location: COLD CR. @ CONFLUENCE TO LAMAR RIVER FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 103343000000002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 2.40 On/Off RF1:
RF3 Index: 10070001015000.00 RF3 Mile Point: 2.94 Distance from RF3: 0.69 On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)=15391.06 STREAM LENGTH (km)= 17.17 % GRADIENT= 3.36
HIGHEST ELEVATION (m)=2791.9 LOWEST ELEVATION (m)=2215.9 NATIVE CUTTHROAT TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0238

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: YELL0239

NPS Station ID: YELL0239 LAT/LON: 44.668254/ 110.450976 Agency: 11NPSYSP Date Created: 07/07/90
Location: COTTONGRASS CR. @ HOWARD EATON TRAIL FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 106500000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 2.60 On/Off RF1:
RF3 Index: 10070001087000.00 RF3 Mile Point: 1.22 Distance from RF3: 0.27 On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1055.37 STREAM LENGTH (km)= 9.02 % GRADIENT= 2.43
HIGHEST ELEVATION (m)=2560.3 LOWEST ELEVATION (m)=2340.9 THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0239

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: YELL0240

NPS Station ID: YELL0240
LAT/LON: 44.677781/ 110.275003
Agency: 12WLS1
Date Created: 09/03/88
Location: FERN LAKE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4D3-017
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 22
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 13.10
On/Off RF1:
RF3 Index: 10020007172101.63
RF3 Mile Point: 1.79
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0240

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	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/85-09/24/85	1	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/24/85-09/24/85	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/85-09/24/85	1	166.	166.	166.	166.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/24/85-09/24/85	1	39.298	39.298	39.298	39.298	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/24/85-09/24/85	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/85-09/24/85	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/85-09/24/85	1	25.119	25.119	25.119	25.119	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/24/85-09/24/85	1	-24.	-24.	-24.	-24.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/24/85-09/24/85	1	117.6	117.6	117.6	117.6	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/85-09/24/85	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/24/85-09/24/85	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/24/85-09/24/85	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/85-09/24/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/85-09/24/85	1	19.58	19.58	19.58	19.58	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/85-09/24/85	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/24/85-09/24/85	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/85-09/24/85	1	1.69	1.69	1.69	1.69	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/85-09/24/85	1	60.8	60.8	60.8	60.8	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/85-09/24/85	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-09/24/85	1	120.	120.	120.	120.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/24/85-09/24/85	1	0.388	0.388	0.388	0.388	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/24/85-09/24/85	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/24/85-09/24/85	1	45.	45.	45.	45.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/24/85-09/24/85	1	8250.03	8250.03	8250.03	8250.03	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/24/85-09/24/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/24/85-09/24/85	1	5.8	5.8	5.8	5.8	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: YELL0240

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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: YELL0240

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0241

NPS Station ID: YELL0241
LAT/LON: 44.683392/ 110.251532
Agency: 11NPSYSP
Date Created: 07/07/90
Location: BROAD CREEK 18.48 KM ABOVE MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 104600000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 2.50
On/Off RF1:
RF3 Index: 10070001012613.25
RF3 Mile Point: 13.25
Distance from RF3: 0.02
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2278.71 STREAM LENGTH (km)= 4.72 % GRADIENT= .14
HIGHEST ELEVATION (m)=2504.8 LOWEST ELEVATION (m)=2498.1 INTRODUCED CUTTHROAT TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0241

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: YELL0242

NPS Station ID: YELL0242 LAT/LON: 44.683587/ 110.418199 Agency: 11NPSYSP Date Created: 05/24/86
Location: WRANGLER L. 4.8KM S.OF GRAND CANYON AT ARTIST PT FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 106400000000052
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 32 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001123 RF1 Mile Point: 3.910 Distance from RF1: 18.70 On/Off RF1: ON
RF3 Index: 10070001086500.00 RF3 Mile Point: 1.22 Distance from RF3: 0.62 On/Off RF3:
Description:
ELEVATION (m)= 2396 CAPACITY (m cubed)= 691691 DRAINAGE AREA (ha)= 90 SURFACE AREA (ha)= 14.2
AVERAGE DEPTH (m)= 4.9 MAX DEPTH (m)= 10.1 0 FISH; STOCKING HAS OCCURRED 4 TIMES BUT LAKE IS DYSTROPHIC AND HAS RE
TURNED TO ORIGINAL FISHLESS STATE.

Parameter Inventory for Station: YELL0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/77-08/24/77	1	16.6	16.6	16.6	16.6	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/24/77-08/24/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/77-08/24/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/24/77-08/24/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/77-08/24/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/77-08/24/77	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/24/77-08/24/77	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/24/77-08/24/77	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/77-08/24/77	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/24/77-08/24/77	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/24/77-08/24/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/24/77-08/24/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/24/77-08/24/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/24/77-08/24/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/24/77-08/24/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/24/77-08/24/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/24/77-08/24/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/24/77-08/24/77	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/24/77-08/24/77	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/77-08/24/77	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/24/77-08/24/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/77-08/24/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/24/77-08/24/77	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/24/77-08/24/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/24/77-08/24/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/24/77-08/24/77	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/24/77-08/24/77	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/77-08/24/77	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/77-08/24/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/24/77-08/24/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/77-08/24/77	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

Parameter Inventory for Station: YELL0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	08/24/77-08/24/77	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/24/77-08/24/77	1	17.4	17.4	17.4	17.4	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/77-08/24/77	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/24/77-08/24/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/24/77-08/24/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/24/77-08/24/77	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/24/77-08/24/77	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0242

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0243

NPS Station ID: YELL0243
LAT/LON: 44.684142/ 110.451366
Agency: 11NPSYSP
Date Created: 07/07/90
Location: SOUR CREEK AT HOWARD EATON TRAIL
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 106400000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.40
On/Off RF1:
RF3 Index: 10070001003807.72
RF3 Mile Point: 9.36
Distance from RF3: 0.18
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 9072.99 STREAM LENGTH (km)= 16.8 % GRADIENT= .83
HIGHEST ELEVATION (m)= 2487 LOWEST ELEVATION (m)= 2347

Parameter Inventory for Station: YELL0243

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: YELL0244

NPS Station ID: YELL0244
LAT/LON: 44.684477/ 110.251031
Agency: 11NPSYSP
Date Created: 07/07/90
Location: BROAD CREEK 15.69 KM ABOVE MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 104600000000003
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 4.50
On/Off RF1:
RF3 Index: 10070001012200.00
RF3 Mile Point: 11.59
Distance from RF3: 0.19
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 3454.83 STREAM LENGTH (km)= 7.51 % GRADIENT= 2.05
HIGHEST ELEVATION (m)=2504.8 LOWEST ELEVATION (m)=2351.5 INTRODUCED CUTTHROAT TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0244

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: YELL0245

NPS Station ID: YELL0245 LAT/LON: 44.684560/ 110.583338 Agency: 11NPSYSP Date Created: 05/24/86
Location: VIRGINIA L. 1ML SW ON PLATEAU TRAIL OFF CAN-NOR FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 201700000000058
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 13 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 14.60 On/Off RF1:
RF3 Index: 10020007084000.00 RF3 Mile Point: 0.00 Distance from RF3: 0.90 On/Off RF3:
Description:
ELEVATION (m)= 2499 CAPACITY (m cubed)= 48106 DRAINAGE AREA (ha)= 60 SURFACE AREA (ha)= 2.8
AVERAGE DEPTH (m)= 1.8 MAX DEPTH (m)= 4.2 0 FISH; NO STOCKIN RECORDS, MAY BE BARREN DUE TO STREAM BARRIERS, SUITAB
LE HABITAT FOR THREATENED SPECIES.

Parameter Inventory for Station: YELL0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/74-07/31/80	2	16.35	16.35	18.3	14.4	7.605	2.758	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/13/74-08/13/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/13/74-07/31/80	3	4.	4.633	8.5	1.4	12.903	3.592	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/13/74-07/31/80	3	0.	5.	15.	0.	75.	8.66	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/13/74-07/31/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/13/74-07/31/80	2	32.5	32.5	35.	30.	12.5	3.536	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/13/74-07/31/80	2	7.55	7.55	8.	7.1	0.405	0.636	**	**	**	**
00400	PH (STANDARD UNITS)	08/13/74-07/31/80	3	7.1	7.1	7.4	6.8	0.09	0.3	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/13/74-07/31/80	3	7.1	7.033	7.4	6.8	0.097	0.311	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/74-07/31/80	3	0.079	0.093	0.158	0.04	0.004	0.06	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/13/74-07/31/80	3	16.	18.	37.	1.	327.	18.083	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/13/74-07/31/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/13/74-07/31/80	3	12.	13.333	18.	10.	17.333	4.163	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/13/74-07/31/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/13/74-07/31/80	3	12.	13.333	18.	10.	17.333	4.163	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/13/74-07/31/80	3	14.	16.	22.	12.	28.	5.292	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/13/74-07/31/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/13/74-07/31/80	3	23.	27.667	42.	18.	160.333	12.662	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/13/74-07/31/80	3	0.49	0.64	1.25	0.18	0.303	0.551	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/13/74-07/31/80	3	0.01	0.017	0.03	0.01	0.	0.012	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/13/74-07/31/80	3	0.28	0.233	0.3	0.12	0.01	0.099	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/16/79-07/31/80	2	0.105	0.105	0.12	0.09	0.	0.021	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/16/79-07/31/80	2	0.095	0.095	0.16	0.03	0.008	0.092	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/16/79-07/31/80	2	0.075	0.075	0.12	0.03	0.004	0.064	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/13/74-07/31/80	3	6.3	6.3	6.6	6.	0.09	0.3	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/74-07/31/80	3	8.	9.333	14.	6.	17.333	4.163	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/13/74-07/31/80	3	2.7	3.3	4.8	2.4	1.71	1.308	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/13/74-07/31/80	3	1.6	1.2	2.	0.	1.12	1.058	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/13/74-07/31/80	3	0.4	0.3	0.5	0.	0.07	0.265	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/13/74-07/31/80	3	2.7	2.8	3.9	1.8	1.11	1.054	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/13/74-07/31/80	3	1.2	1.333	1.9	0.9	0.263	0.513	**	**	**	**

** - Less than 9 observations ## - 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: YELL0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/74-07/31/80	3	1.	0.667	1.	0.	0.333	0.577	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/13/74-07/31/80	3	2.	3.333	6.	2.	5.333	2.309	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/13/74-07/31/80	3	0.5	0.403	0.52	0.19	0.034	0.185	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/74-07/31/80	3	3.	3.267	4.9	1.9	2.303	1.518	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/13/74-07/31/80	3	100.	66.667	100.	0.	3333.333	57.735	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/13/74-07/31/80	3	12.6	12.833	13.7	12.2	0.603	0.777	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/13/74-07/31/80	3	0.12	0.097	0.14	0.03	0.003	0.059	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/13/74-07/31/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/13/74-07/31/80	3	50.	33.333	50.	0.	833.333	28.868	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/13/74-07/31/80	3	0.14	0.1	0.15	0.01	0.006	0.078	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/16/79-07/31/80	2	1.1	1.1	1.5	0.7	0.32	0.566	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0245

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	0	0.00							2	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
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00							2	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
01042	COPPER, TOTAL	Fresh Acute	18.	3	2	0.67							2	1	0.50	1	1	1.00
		Drinking Water	1300.	3	0	0.00							2	0	0.00	1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00							1	0	0.00	1	0	0.00

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

Station Inventory for Station: YELL0246

NPS Station ID: YELL0246
LAT/LON: 44.700254/ 110.500253
Agency: 11NPSYSP
Date Created: 07/07/90
Location: OTTER CREEK AT MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 106000000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.20
On/Off RF1:
RF3 Index: 10070001003510.58
RF3 Mile Point: 11.70
Distance from RF3: 0.02
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2410.02 STREAM LENGTH (km)= 9 % GRADIENT= 1.63
HIGHEST ELEVATION (m)=2487.2 LOWEST ELEVATION (m)=2340.9 NATIVE CUTTHROAT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0246

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: YELL0247

NPS Station ID: YELL0247
LAT/LON: 44.700254/ 110.501003
Agency: 11NPSYSP
Date Created: 07/07/90
Location: OTTER CR. 100 M ABOVE HIGHWAY BRIDGE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 106000000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 4.50
On/Off RF1:
RF3 Index: 10070001086500.00
RF3 Mile Point: 0.33
Distance from RF3: 0.04
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2394.26 STREAM LENGTH (km)= 8.6 % GRADIENT= 1.70
HIGHEST ELEVATION (m)=2487.2 LOWEST ELEVATION (m)=2340.9 NATIVE CUTTHROAT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0247

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: YELL0248

NPS Station ID: YELL0248
LAT/LON: 44.700337/ 111.084337
Agency: 11NPSYSP
Date Created: 07/07/90
Location: MADISON RIVER AT PARK BOUNDARY
FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 200000000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 0.90
On/Off RF1:
RF3 Index: 10070001016100.00
RF3 Mile Point: 12.64
Distance from RF3: 0.21
On/Off RF3:
Description:
STREAM ORDER= 5 WATERSHED SIZE (ha)=174824.0 STREAM LENGTH (km)= 70.6 % GRADIENT= .93
HIGHEST ELEVATION (m)=2682.2 LOWEST ELEVATION (m)=2023.9 NATIVE CUTTHROAT, GRAYLING, MOUNTAIN WHITEFISH, AND INTRODUCED BROOK, BROWN, AND RAINBOW TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0248

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: YELL0249

NPS Station ID: YELL0249
LAT/LON: 44.700448/ 109.900031
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 103360 (LAMAR R TRIB) AT MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103360000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 6.60
On/Off RF1:
RF3 Index: 10070001015202.41
RF3 Mile Point: 4.36
Distance from RF3: 0.82
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1113.1 STREAM LENGTH (km)= 4.4 % GRADIENT= 8.9
HIGHEST ELEVATION (m)=2885.4 LOWEST ELEVATION (m)=2489.1 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0249

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: YELL0250

NPS Station ID: YELL0250
LAT/LON: 44.700448/ 110.934698
Agency: 11NPSYSP
Date Created: 07/07/90
Location: COUGAR CR. BY PATROL CABIN
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 200300000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 2.00
On/Off RF1:
RF3 Index: 10020007009303.70
RF3 Mile Point: 3.84
Distance from RF3: 0.09
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 3575.64 STREAM LENGTH (km)= 8.37 % GRADIENT= 2.62
HIGHEST ELEVATION (m)=2292.1 LOWEST ELEVATION (m)=2072.6 NATIVE WESTSLOPE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0250

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: YELL0251

NPS Station ID: YELL0251
LAT/LON: 44.700753/ 109.850087
Agency: 11NPSYSP
Date Created: 07/07/90
Location: LAMAR RIVER JUST ABOVE TRIB 103375
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103300000000004
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.50
On/Off RF1:
RF3 Index: 10070001002800.05
RF3 Mile Point: 2.12
Distance from RF3: 0.20
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 330.79 STREAM LENGTH (km)= 1.2 % GRADIENT= 12.19
HIGHEST ELEVATION (m)=2901.7 LOWEST ELEVATION (m)=2755.4 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0251

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: YELL0252

NPS Station ID: YELL0252
LAT/LON: 44.700781/ 109.850338
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 103373 AT MOUTH (LAMAR R TRIB)
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103373000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.80
On/Off RF1:
RF3 Index: 10070001076900.00
RF3 Mile Point: 0.47
Distance from RF3: 0.15
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 294 STREAM LENGTH (km)= 2 % GRADIENT= 18.9
HIGHEST ELEVATION (m)=3041.9 LOWEST ELEVATION (m)= 2664 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0252

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: YELL0253

NPS Station ID: YELL0253
LAT/LON: 44.700781/ 110.068087
Agency: 11NPSYSP
Date Created: 07/07/90
Location: WILLOW CREEK AT CONFLUENCE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103337000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 3.40
On/Off RF1:
RF3 Index: 10070001014500.00
RF3 Mile Point: 0.43
Distance from RF3: 0.20
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1764.19 STREAM LENGTH (km)= 8.1 % GRADIENT= 4.59
HIGHEST ELEVATION (m)=2542.0 LOWEST ELEVATION (m)=2170.2

Parameter Inventory for Station: YELL0253

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: YELL0254

NPS Station ID: YELL0254
LAT/LON: 44.700949/ 109.851227
Agency: 11NPSYSP
Date Created: 07/07/90
Location: 103368 AT MOUTH (LAMAR RIVER TRIB.)
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103368000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.90
On/Off RF1:
RF3 Index: 10070001076700.00
RF3 Mile Point: 0.03
Distance from RF3: 0.10
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 189 STREAM LENGTH (km)= 1.4 % GRADIENT= 23.13
HIGHEST ELEVATION (m)=2944.4 LOWEST ELEVATION (m)=2618.2

Parameter Inventory for Station: YELL0254

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: YELL0255

NPS Station ID: YELL0255 LAT/LON: 44.706392/ 110.673059 Agency: 112WRD Date Created: / /
Location: CASTLE C BL DIVDAM NORRIS JUNC YELLOWSTONE N FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06036925
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020007085 RF1 Mile Point: 1.670 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10070001071400.00 RF3 Mile Point: 2.63 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/67-09/19/67	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	09/19/67-09/19/67	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/67-09/19/67	1	127.	127.	127.	127.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/67-09/19/67	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/67-09/19/67	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/67-09/19/67	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/67-09/19/67	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/19/67-09/19/67	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/19/67-09/19/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/67-09/19/67	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/67-09/19/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/67-09/19/67	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/67-09/19/67	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/67-09/19/67	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/19/67-09/19/67	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/19/67-09/19/67	1	61.	61.	61.	61.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/67-09/19/67	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/67-09/19/67	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/67-09/19/67	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/67-09/19/67	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/67-09/19/67	1	79.	79.	79.	79.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/19/67-09/19/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/19/67-09/19/67	1	154.	154.	154.	154.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	09/19/67-09/19/67	1	0.82	0.82	0.82	0.82	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/19/67-09/19/67	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/19/67-09/19/67	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/19/67-09/19/67	1	130.	130.	130.	130.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0255

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0255

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0256

NPS Station ID: YELL0256
LAT/LON: 44.708892/ 110.080559
Agency: 112WRD
Date Created: / /
Location: LAMAR R AB WILLOW C YNP WY.
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06187820
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001145
RF1 Mile Point: 2.000
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001086300.00
RF3 Mile Point: 2.45
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/69-07/23/69	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/23/69-07/23/69	1	131.	131.	131.	131.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/69-07/23/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/69-07/23/69	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/23/69-07/23/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/23/69-07/23/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/69-07/23/69	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/69-07/23/69	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/23/69-07/23/69	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/23/69-07/23/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/23/69-07/23/69	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/23/69-07/23/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/23/69-07/23/69	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/23/69-07/23/69	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/23/69-07/23/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/23/69-07/23/69	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/23/69-07/23/69	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/23/69-07/23/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/69-07/23/69	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/69-07/23/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/23/69-07/23/69	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/23/69-07/23/69	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/23/69-07/23/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/23/69-07/23/69	1	48.	48.	48.	48.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/69-07/23/69	1	58.	58.	58.	58.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/23/69-07/23/69	1	17.	17.	17.	17.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/23/69-07/23/69	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/23/69-07/23/69	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: YELL0256

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: YELL0256

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0257

NPS Station ID: YELL0257
LAT/LON: 44.708892/ 110.081948
Agency: 112WRD
Date Created: / /
Location: WILLOW CR AT MOUTH YNP, WY
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06187825
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001145
RF1 Mile Point: 2.000
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001014700.00
RF3 Mile Point: 0.02
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/69-07/23/69	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/23/69-07/23/69	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/69-07/23/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/69-07/23/69	1	128.	128.	128.	128.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/23/69-07/23/69	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/23/69-07/23/69	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/69-07/23/69	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/69-07/23/69	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/23/69-07/23/69	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/23/69-07/23/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/23/69-07/23/69	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/23/69-07/23/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/23/69-07/23/69	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/23/69-07/23/69	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/23/69-07/23/69	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/23/69-07/23/69	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/23/69-07/23/69	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/23/69-07/23/69	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/69-07/23/69	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/69-07/23/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/23/69-07/23/69	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/23/69-07/23/69	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/23/69-07/23/69	1	20.	20.	20.	20.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/23/69-07/23/69	1	80.	80.	80.	80.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/69-07/23/69	1	102.	102.	102.	102.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/23/69-07/23/69	1	2.01	2.01	2.01	2.01	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/23/69-07/23/69	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/23/69-07/23/69	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: YELL0257

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: YELL0257

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0258

NPS Station ID: YELL0258 LAT/LON: 44.710281/ 110.501948 Agency: 112WRD Date Created: / /
Location: YELLOWSTONE RIVER NEAR CANYON HOTEL, YNP FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06187000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001035 RF1 Mile Point: 10.310 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10070001006000.00 RF3 Mile Point: 0.01 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	06/23/69-06/23/69	1	5000.	5000.	5000.	5000.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/23/69-06/23/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/23/69-06/23/69	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/23/69-06/23/69	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/23/69-06/23/69	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/69-06/23/69	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/23/69-06/23/69	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/23/69-06/23/69	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/23/69-06/23/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/23/69-06/23/69	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/23/69-06/23/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/23/69-06/23/69	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/23/69-06/23/69	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/23/69-06/23/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/23/69-06/23/69	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/23/69-06/23/69	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/23/69-06/23/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/69-06/23/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/69-06/23/69	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/23/69-06/23/69	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/23/69-06/23/69	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/23/69-06/23/69	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/23/69-06/23/69	1	140.	140.	140.	140.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/23/69-06/23/69	1	68.	68.	68.	68.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/23/69-06/23/69	1	65.	65.	65.	65.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	06/23/69-06/23/69	1	918.	918.	918.	918.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/23/69-06/23/69	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/23/69-06/23/69	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: YELL0258

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: YELL0258

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0259

NPS Station ID: YELL0259 LAT/LON: 44.713615/ 110.680281 Agency: 112WRD Date Created: / /
Location: CASTLE C TURNAROUND IN ROAD, NR NORRIS JCT FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06036927
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020007085 RF1 Mile Point: 1.670 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10020007008500.00 RF3 Mile Point: 2.03 Distance from RF3: 0.50 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0259

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/67-09/19/67	1	20.6	20.6	20.6	20.6	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	09/19/67-09/19/67	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/67-09/19/67	1	251.	251.	251.	251.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/67-09/19/67	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/67-09/19/67	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/67-09/19/67	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/67-09/19/67	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/19/67-09/19/67	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/19/67-09/19/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/67-09/19/67	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/67-09/19/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/67-09/19/67	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/67-09/19/67	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/67-09/19/67	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/19/67-09/19/67	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/19/67-09/19/67	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/67-09/19/67	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/67-09/19/67	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/67-09/19/67	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/67-09/19/67	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/19/67-09/19/67	1	20.	20.	20.	20.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/19/67-09/19/67	1	250.	250.	250.	250.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	09/19/67-09/19/67	1	2.68	2.68	2.68	2.68	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/19/67-09/19/67	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/19/67-09/19/67	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0259

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

& - 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: YELL0259

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0260

NPS Station ID: YELL0260
LAT/LON: 44.715005/ 111.098615
Agency: 21MTHDWQ
Date Created: 10/12/85
Location: MADISON RIVER ABOVE HEBGEN LAKE
FIPS State/County: 30031 MONTANA/GALLATIN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 1540MA01
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: N CENT MISS FR MILK TO SPR CRK
ECO Region:
RF1 Index: 10020007072
RF1 Mile Point: 0.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10020007007006.16
RF3 Mile Point: 6.16
Distance from RF3: 0.08
On/Off RF3:
Description:
HEBGEN LAKE STUDY
PLATE COUNT 72/1 ML

Parameter Inventory for Station: YELL0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/73-09/07/88	21	14.	13.405	23.	2.	25.865	5.086	7.	10.	16.	21.
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/73-09/07/88	15	575.	578.933	1000.	150.	40534.352	201.331	245.4	516.	683.	896.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/21/73-06/23/76	2	1.2	1.2	1.4	1.	0.08	0.283	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/30/75-09/30/75	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/30/75-06/23/76	4	257.5	247.5	375.	100.	19075.	138.112	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/21/73-09/07/88	20	415.5	405.6	558.	192.	9917.305	99.586	223.	349.5	464.	547.5
00300	OXYGEN, DISSOLVED MG/L	09/30/75-06/23/76	4	9.25	9.175	10.	8.2	0.589	0.768	**	**	**	**
00400	PH (STANDARD UNITS)	09/30/75-06/23/76	4	8.	7.975	8.3	7.6	0.089	0.299	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/30/75-06/23/76	4	7.989	7.897	8.3	7.6	0.097	0.312	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/75-06/23/76	4	0.01	0.013	0.025	0.005	0.	0.009	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/21/73-06/23/76	4	7.85	7.875	8.3	7.5	0.109	0.33	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/21/73-06/23/76	4	7.847	7.789	8.3	7.5	0.119	0.345	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/21/73-06/23/76	4	0.014	0.016	0.032	0.005	0.	0.011	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/21/73-05/25/76	3	90.	80.	105.	45.	975.	31.225	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/21/73-05/25/76	3	110.	97.333	128.	54.	1489.333	38.592	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/21/73-05/25/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/75-06/23/76	3	5.	11.	24.	4.	127.	11.269	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/75-06/23/76	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/21/73-03/21/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/75-06/23/76	3	0.09	0.112	0.24	0.005	0.014	0.119	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/30/75-06/23/76	4	0.02	0.024	0.05	0.005	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/30/75-06/23/76	4	0.013	0.013	0.017	0.01	0.	0.003	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/21/73-05/25/76	3	21.	18.333	24.	10.	54.333	7.371	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/21/73-05/25/76	3	6.1	5.767	7.	4.2	2.043	1.429	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/21/73-09/30/75	2	1.45	1.45	2.1	0.8	0.845	0.919	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/21/73-05/25/76	3	78.	65.333	82.	36.	649.333	25.482	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/21/73-09/07/88	10	49.5	48.4	73.	18.	349.378	18.692	18.7	34.75	67.5	72.6
00945	SULFATE, TOTAL (MG/L AS SO4)	03/21/73-05/25/76	3	12.	13.667	19.	10.	22.333	4.726	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/30/75-05/25/76	2	4.2	4.2	5.6	2.8	3.92	1.98	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/30/75-09/07/88	18	240.5	241.278	356.	137.	4278.212	65.408	157.7	183.75	305.	341.6
01027	CADMIUM, TOTAL (UG/L AS CD)	09/30/75-05/25/76	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/30/75-05/25/76	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/30/75-05/25/76	2	115.	115.	190.	40.	11250.	106.066	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/30/75-05/25/76	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/30/75-05/25/76	2 ##	17.5	17.5	30.	5.	312.5	17.678	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/30/75-05/25/76	2 ##	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: YELL0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/30/75-06/23/76	4	22.5	28.5	67.	2.	789.667	28.101	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/30/75-06/23/76	4	1.327	1.195	1.826	0.301	0.426	0.653	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.67								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/75-06/23/76	4	16.	20.	47.	1.	440.667	20.992	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/75-06/23/76	4	1.097	0.966	1.672	0.	0.556	0.746	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.253								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/30/75-06/23/76	4	12.	19.5	53.	1.	526.333	22.942	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/30/75-06/23/76	4	1.078	0.97	1.724	0.	0.512	0.715	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			9.33								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/21/73-09/30/75	2	275.	275.	281.	269.	72.	8.485	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/21/73-06/23/76	5	0.016	0.024	0.065	0.01	0.001	0.023	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/30/75-05/25/76	2 ##	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: YELL0260

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	3	0	0.00	4	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	1	0	0.00				1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	18	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00
		Drinking Water	50.	18	18	1.00	5	5	1.00	7	7	1.00	3	3	1.00	3	3	1.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	5.	2	0	0.00				1	0	0.00				1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	1300.	2	0	0.00				1	0	0.00				1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	5.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00				1	0	0.00				1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	2.	2	0	0.00				1	0	0.00				1	0	0.00

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

Station Inventory for Station: YELL0261

NPS Station ID: YELL0261
LAT/LON: 44.716670/ 111.101392
Agency: 11EPALES
Date Created: / /
Location: MADISON RIVER
FIPS State/County: 30031 MONTANA/GALLATIN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 3005A1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin: T/HEBGEN LAKE
Elevation: 0
Water Body Id:
Minor Basin: HWY 191 BRDG 3.6 MI N OF W YELLOWSTONE
ECO Region:
RF1 Index: 10020007061
RF1 Mile Point: 0.140
Distance from RF1: 0.50
On/Off RF1: OFF
RF3 Index: 10020008000200.92
RF3 Mile Point: 1.91
Distance from RF3: 0.03
On/Off RF3:
Description:
US HWY 191 BRDG 3.6 MI N OF WEST YELLOWSTONE SEC 10 T13S R5E USGS GAGE 06037500 IS LOCATED APPROX 9.0 MI UPSTREAM

Parameter Inventory for Station: YELL0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/74-09/06/75	8	0.028	0.028	0.04	0.018	0.	0.009	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/02/74-10/05/74	2 ##	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/02/74-10/05/74	2	0.016	0.016	0.024	0.008	0.	0.011	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/02/74-09/06/75	8	0.4	0.534	1.1	0.1	0.158	0.398	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/02/74-09/06/75	8	0.02	0.024	0.04	0.01	0.	0.009	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/02/74-09/06/75	8	0.025	0.033	0.095	0.01	0.001	0.028	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/02/74-09/06/75	8	0.015	0.016	0.025	0.01	0.	0.005	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0261

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00										2	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00										2	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	2	0	0.00	1	0	0.00	2	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: YELL0262

NPS Station ID: YELL0262 LAT/LON: 44.716670/ 111.101392 Agency: 112WRD Date Created: 10/31/87
Location: MADISON R AB HEBGEN LAKE NR WEST YELLOWSTONE MT FIPS State/County: 30031 MONTANA/GALLATIN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06037600
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020007082 RF1 Mile Point: 1.270 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10020008006300.00 RF3 Mile Point: 0.22 Distance from RF3: 0.11 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0262

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/12/86-03/12/86	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/12/86-03/12/86	1	566.	566.	566.	566.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/12/86-03/12/86	1	457.	457.	457.	457.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: YELL0263

NPS Station ID: YELL0263 LAT/LON: 44.717087/ 110.250477 Agency: 11NPSYSP Date Created: 05/24/86
Location: WAPITI L. SW MIRROR PLAT.& N. PELICAN VALLEY FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 104600000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 13 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10070001016400.00 RF3 Mile Point: 5.27 Distance from RF3: 0.46 On/Off RF3:
Description:
ELEVATION (m)= 2573 CAPACITY (m cubed)= 81420 DRAINAGE AREA (ha)= 1117.4 SURFACE AREA (ha)= 4.5
AVERAGE DEPTH (m)= 1.8 MAX DEPTH (m)= 4.6 0 FISH; NO OFFICIAL STOCKING, HIGHLY OLIGOTROPHIC, DOUBTFUL HABITAT.

Parameter Inventory for Station: YELL0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/75-08/22/75	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/22/75-08/22/75	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/22/75-08/22/75	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/75-08/22/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/22/75-08/22/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/22/75-08/22/75	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/22/75-08/22/75	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/75-08/22/75	1	7.25	7.25	7.25	7.25	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/75-08/22/75	1	7.25	7.25	7.25	7.25	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/75-08/22/75	1	0.056	0.056	0.056	0.056	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/22/75-08/22/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/22/75-08/22/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/22/75-08/22/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/22/75-08/22/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/22/75-08/22/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/22/75-08/22/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/22/75-08/22/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/22/75-08/22/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/22/75-08/22/75	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/22/75-08/22/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/22/75-08/22/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/22/75-08/22/75	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/75-08/22/75	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/22/75-08/22/75	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/22/75-08/22/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/22/75-08/22/75	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/22/75-08/22/75	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/22/75-08/22/75	1	1.32	1.32	1.32	1.32	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/75-08/22/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/75-08/22/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/22/75-08/22/75	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/75-08/22/75	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/22/75-08/22/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/22/75-08/22/75	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/22/75-08/22/75	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/22/75-08/22/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/22/75-08/22/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/22/75-08/22/75	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: YELL0263

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0264

NPS Station ID: YELL0264 LAT/LON: 44.717198/ 110.434421 Agency: 11NPSYSP Date Created: 05/24/86
Location: RIBBON L. S. RIM OF THE GRAND CANYON YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 105500000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 16 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001035 RF1 Mile Point: 7.160 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10070001019800.00 RF3 Mile Point: 3.17 Distance from RF3: 0.07 On/Off RF3:
Description:
ELEVATION (m)=2384.1 CAPACITY (m cubed)= 176408 DRAINAGE AREA (ha)= 471 SURFACE AREA (ha)= 5.5
AVERAGE DEPTH (m)= 3.2 MAX DEPTH (m)= 5.8 INTRODUCED RAINBOW TROUT; WELL ESTABLISHED , GROWTH IS SLOW AND LARGER FISH ARE SCARCE.

Parameter Inventory for Station: YELL0264

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/83-09/07/83	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/07/83-09/07/83	1	12.8	12.8	12.8	12.8	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/07/83-09/07/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/07/83-09/07/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/07/83-09/07/83	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/07/83-09/07/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/83-09/07/83	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/83-09/07/83	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/83-09/07/83	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/07/83-09/07/83	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/07/83-09/07/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/07/83-09/07/83	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/07/83-09/07/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/07/83-09/07/83	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/07/83-09/07/83	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/07/83-09/07/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/07/83-09/07/83	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/07/83-09/07/83	1	0.53	0.53	0.53	0.53	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/07/83-09/07/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/07/83-09/07/83	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	09/07/83-09/07/83	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/07/83-09/07/83	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/07/83-09/07/83	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/07/83-09/07/83	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/07/83-09/07/83	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	09/07/83-09/07/83	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/07/83-09/07/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/07/83-09/07/83	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/07/83-09/07/83	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/07/83-09/07/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/07/83-09/07/83	1	13.	13.	13.	13.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0264

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00951	FLUORIDE, TOTAL (MG/L AS F)	09/07/83-09/07/83	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/07/83-09/07/83	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/07/83-09/07/83	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/07/83-09/07/83	1	12.8	12.8	12.8	12.8	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/07/83-09/07/83	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/07/83-09/07/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/07/83-09/07/83	1	10.	10.	10.	10.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/07/83-09/07/83	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/07/83-09/07/83	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0264

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0265

NPS Station ID: YELL0265 LAT/LON: 44.718115/ 110.500115 Agency: 11NPSYSP Date Created: 07/07/90
Location: CASCADE CR. .5 KM SOUTH OF CANYON-NORRIS RD. FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 105900000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 4.70 On/Off RF1:
RF3 Index: 10070001012200.00 RF3 Mile Point: 11.70 Distance from RF3: 0.18 On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 3339.00 STREAM LENGTH (km)= 4.9 % GRADIENT= 1.2
HIGHEST ELEVATION (m)=2432.0 LOWEST ELEVATION (m)=2292.0 NATIVE CUTTHROAT TROUT AND GRAYLING PRESENT.

Parameter Inventory for Station: YELL0265

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: YELL0266

NPS Station ID: YELL0266
LAT/LON: 44.729726/ 110.688893
Agency: 112WRD
Date Created: / /
Location: GIBBON R NR NORRIS JET, YNP
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06036930
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10020007085
RF1 Mile Point: 0.250
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001002000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/67-10/19/70	9	11.	10.867	18.3	4.	21.923	4.682	4.	6.5	14.5	18.3
00060	FLOW, STREAM, MEAN DAILY CFS	08/13/68-10/19/70	8	27.	43.25	150.	21.	1917.929	43.794	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/19/69-10/19/70	7	12.	13.143	25.	5.	63.81	7.988	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/67-10/19/70	9	115.	104.111	122.	53.	479.611	21.9	53.	95.5	118.	122.
00400	PH (STANDARD UNITS)	08/22/67-10/19/70	9	6.9	6.844	7.1	6.4	0.075	0.274	6.4	6.55	7.1	7.1
00400	CONVERTED PH (STANDARD UNITS)	08/22/67-10/19/70	9	6.9	6.762	7.1	6.4	0.083	0.288	6.4	6.55	7.1	7.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/67-10/19/70	9	0.126	0.173	0.398	0.079	0.014	0.119	0.079	0.079	0.284	0.398
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/67-10/19/70	9	34.	30.556	34.	16.	34.778	5.897	16.	29.	34.	34.
00440	BICARBONATE ION (MG/L AS HCO3)	08/22/67-10/19/70	9	41.	37.444	42.	19.	56.028	7.485	19.	35.5	42.	42.
00445	CARBONATE ION (MG/L AS CO3)	08/22/67-10/19/70	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/67-10/19/70	9	18.	17.778	20.	12.	5.444	2.333	12.	17.5	19.	20.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/67-10/19/70	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/67-10/19/70	9	6.	5.544	6.8	3.9	1.015	1.008	3.9	4.65	6.3	6.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/67-10/19/70	9	0.8	0.989	2.1	0.5	0.234	0.483	0.5	0.75	1.2	2.1
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/67-10/19/70	9	13.	12.256	16.	4.5	11.813	3.437	4.5	10.9	14.5	16.
00931	SODIUM ADSORPTION RATIO	08/22/67-10/19/70	9	1.3	1.256	1.6	0.6	0.09	0.3	0.6	1.1	1.45	1.6
00932	SODIUM, PERCENT	08/22/67-10/19/70	9	53.	51.778	57.	39.	29.944	5.472	39.	50.	55.5	57.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/67-10/19/70	9	5.1	4.644	6.1	2.2	1.378	1.174	2.2	4.	5.4	6.1
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/67-10/19/70	9	3.	3.111	5.	1.	1.361	1.167	1.	2.5	4.	5.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/67-10/19/70	9	10.	10.444	14.	5.	7.278	2.698	5.	9.	12.5	14.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/67-10/19/70	9	2.5	2.256	2.9	0.2	0.718	0.847	0.2	2.05	2.85	2.9
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/67-10/19/70	9	50.	48.111	58.	25.	97.611	9.88	25.	45.	55.5	58.
01020	BORON, DISSOLVED (UG/L AS B)	08/22/67-10/19/70	9	50.	48.889	80.	0.	561.111	23.688	0.	35.	65.	80.
01045	IRON, TOTAL (UG/L AS FE)	08/13/68-10/19/70	8	200.	205.	280.	150.	1914.286	43.753	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/22/67-10/19/70	9	118.	113.556	136.	60.	485.778	22.04	60.	109.	127.	136.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/13/68-10/19/70	8	109.5	104.5	126.	52.	557.714	23.616	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/13/68-10/19/70	8	8.655	10.873	24.3	7.03	32.702	5.719	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/67-10/19/70	9	0.16	0.156	0.18	0.08	0.001	0.03	0.08	0.15	0.175	0.18
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/67-10/19/70	9	0.	0.089	0.4	0.	0.021	0.145	0.	0.	0.2	0.4
71885	IRON (UG/L AS FE)	08/22/67-08/22/67	1	160.	160.	160.	160.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0266

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	9	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	9	2	0.22	1	0	0.00	2	1	0.50	3	0	0.00	3	1	0.33
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	9	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	9	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00

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

Station Inventory for Station: YELL0267

NPS Station ID: YELL0267 LAT/LON: 44.733837/ 110.151616 Agency: 11NPSYSP Date Created: 05/24/86
Location: MIRROR L. NE YNP ON SOUTHERN MIRROR PLATEAU FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 103300000000070
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 13 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10070001004104.74 RF3 Mile Point: 8.72 Distance from RF3: 0.40 On/Off RF3:
Description:
ELEVATION (m)= 2705 CAPACITY (m cubed)= 51813 DRAINAGE AREA (ha)= 64.8 SURFACE AREA (ha)= 2.8
AVERAGE DEPTH (m)= 1.8 MAX DEPTH (m)= 4.0 0 FISH; NEVER OFFICIALLY STOCKED, AND THIS HIGHLY OLIGOTROPHIC LAKE PRO
BABLY WOULD NOT SUPPORT A FISH POPULATION.

Parameter Inventory for Station: YELL0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/75-08/11/75	1	17.2	17.2	17.2	17.2	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/11/75-08/11/75	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/11/75-08/11/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/11/75-08/11/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/11/75-08/11/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/11/75-08/11/75	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/11/75-08/11/75	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/11/75-08/11/75	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/11/75-08/11/75	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/75-08/11/75	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/11/75-08/11/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/11/75-08/11/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/11/75-08/11/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/11/75-08/11/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/11/75-08/11/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/11/75-08/11/75	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/11/75-08/11/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/75-08/11/75	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/75-08/11/75	1	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/11/75-08/11/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/11/75-08/11/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/11/75-08/11/75	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/75-08/11/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/11/75-08/11/75	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/11/75-08/11/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/11/75-08/11/75	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/11/75-08/11/75	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/11/75-08/11/75	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/75-08/11/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/75-08/11/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/11/75-08/11/75	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

Parameter Inventory for Station: YELL0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/11/75-08/11/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/11/75-08/11/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/11/75-08/11/75	1	15.8	15.8	15.8	15.8	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/11/75-08/11/75	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/11/75-08/11/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/11/75-08/11/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/11/75-08/11/75	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: YELL0267

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00							1	0	0.00			
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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0268

NPS Station ID: YELL0268
LAT/LON: 44.733865/ 110.083921
Agency: 11NPSYSP
Date Created: 07/07/90
Location: TIMOTHY CREEK AT CONFLUENCE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103334000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.30
On/Off RF1:
RF3 Index: 10070001014300.00
RF3 Mile Point: 0.81
Distance from RF3: 0.15
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 5255.8 STREAM LENGTH (km)= 13.1 % GRADIENT= 3.97
HIGHEST ELEVATION (m)= 2667 LOWEST ELEVATION (m)=2145.8

Parameter Inventory for Station: YELL0268

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: YELL0269

NPS Station ID: YELL0269 LAT/LON: 44.734865/ 111.000253 Agency: 11NPSYSP Date Created: 07/07/90
Location: MAPLE CR. AT GNEISS CREEK TRAIL CROSSING FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 200202000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 2.20 On/Off RF1:
RF3 Index: 10070001009100.00 RF3 Mile Point: 1.35 Distance from RF3: 0.04 On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 8994.24 STREAM LENGTH (km)= 23.9 % GRADIENT= .83
HIGHEST ELEVATION (m)=2247.0 LOWEST ELEVATION (m)=2048.3 INTRODUCED BROOK AND BROWN TROUT PRESENT.

Parameter Inventory for Station: YELL0269

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: YELL0270

NPS Station ID: YELL0270 LAT/LON: 44.734920/ 110.516977 Agency: 11NPSYSP Date Created: 05/24/86
Location: CASCADE L. NE SOLFATARA PLATEAU CENTRAL YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 105900000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 22 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10070001027900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.49 On/Off RF3:
Description:
ELEVATION (m)= 2432 CAPACITY (m cubed)= 599481 DRAINAGE AREA (ha)= 232.7 SURFACE AREA (ha)= 14.5
AVERAGE DEPTH (m)= 4.1 MAX DEPTH (m)= 7.6 INTRODUCED GRAYLING AND CUTTHROAT TROUT; ORIGINALLY BARREN OF FISH LIFE, CURRENTLY NO-HARVEST CONDITIONS, CUTTHROAT ARE DOMINANT SPECIES.

Parameter Inventory for Station: YELL0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/78-08/17/78	1	12.8	12.8	12.8	12.8	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/17/78-08/17/78	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/17/78-08/17/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/17/78-08/17/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/78-08/17/78	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/17/78-08/17/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/17/78-08/17/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/17/78-08/17/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/78-08/17/78	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/78-08/17/78	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/17/78-08/17/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/17/78-08/17/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/17/78-08/17/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/17/78-08/17/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/17/78-08/17/78	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/17/78-08/17/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/78-08/17/78	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/17/78-08/17/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/78-08/17/78	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/17/78-08/17/78	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/17/78-08/17/78	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/17/78-08/17/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/17/78-08/17/78	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/17/78-08/17/78	1	27.7	27.7	27.7	27.7	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/78-08/17/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/17/78-08/17/78	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/17/78-08/17/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/17/78-08/17/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/17/78-08/17/78	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/17/78-08/17/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/78-08/17/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/78-08/17/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/17/78-08/17/78	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/78-08/17/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/17/78-08/17/78	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/17/78-08/17/78	1	12.1	12.1	12.1	12.1	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/17/78-08/17/78	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/17/78-08/17/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/17/78-08/17/78	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/17/78-08/17/78	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/17/78-08/17/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0270

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0271

NPS Station ID: YELL0271 LAT/LON: 44.734948/ 110.550781 Agency: 11NPSYSP Date Created: 05/24/86
Location: GREBE L. 4MI NW OF CANYON HEADWATERS OF GIBBON FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 201700000000060
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 29 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 0.40 On/Off RF1:
RF3 Index: 10070001044200.00 RF3 Mile Point: 0.00 Distance from RF3: 0.49 On/Off RF3:
Description:
ELEVATION (m)=2446.9 CAPACITY (m cubed)= 3072970 DRAINAGE AREA (ha)= 3610 SURFACE AREA (ha)= 1460.9
AVERAGE DEPTH (m)=4.87 MAX DEPTH (m)= 9.8 INTRODUCED GREYLING AND RAINBOW TROUT; ORIGINALLY FISHLESS NOW THE MOST POPULAR GREYLING FISHING IN THE PARK.

Parameter Inventory for Station: YELL0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/79-10/16/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/16/79-10/16/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	10/16/79-10/16/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/79-10/16/79	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/16/79-10/16/79	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/16/79-10/16/79	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/79-10/16/79	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/16/79-10/16/79	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/16/79-10/16/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/16/79-10/16/79	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/16/79-10/16/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	10/16/79-10/16/79	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/16/79-10/16/79	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/16/79-10/16/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/16/79-10/16/79	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/16/79-10/16/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/16/79-10/16/79	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/16/79-10/16/79	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/16/79-10/16/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	10/16/79-10/16/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/16/79-10/16/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/16/79-10/16/79	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/16/79-10/16/79	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/16/79-10/16/79	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	10/16/79-10/16/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/16/79-10/16/79	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/16/79-10/16/79	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/16/79-10/16/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/16/79-10/16/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/16/79-10/16/79	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	10/16/79-10/16/79	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/16/79-10/16/79	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/16/79-10/16/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	10/16/79-10/16/79	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/16/79-10/16/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	10/16/79-10/16/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/16/79-10/16/79	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	10/16/79-10/16/79	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/16/79-10/16/79	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0271

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0272

NPS Station ID: YELL0272 LAT/LON: 44.735003/ 110.717199 Agency: 11NPSYSP Date Created: 05/24/86
Location: NYMPH L. 2 ML NW OF NORRIS JUNCTION YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 201700000000052
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 68 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007084 RF1 Mile Point: 14.370 Distance from RF1: 12.40 On/Off RF1: ON
RF3 Index: 10070001006600.00 RF3 Mile Point: 3.03 Distance from RF3: 0.11 On/Off RF3:
Description:
ELEVATION (m)=2255.5 CAPACITY (m cubed)= 104847 DRAINAGE AREA (ha)= 186 SURFACE AREA (ha)= 6.5
AVERAGE DEPTH (m)= 1.5 MAX DEPTH (m)= 21.9 0 FISH; THER IS FISH ACCESS, BUT UNSTABLE HABITAT, LAKE IS MORE LIKE OVE
RGROWN THERMAL POOL.

Parameter Inventory for Station: YELL0272

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/05/74-09/05/74	1	20.5	20.5	20.5	20.5	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/05/74-09/05/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/05/74-09/05/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/05/74-09/05/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/05/74-09/05/74	1	725.	725.	725.	725.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/05/74-09/05/74	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/05/74-09/05/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/05/74-09/05/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/74-09/05/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/05/74-09/05/74	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/05/74-09/05/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/05/74-09/05/74	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/05/74-09/05/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/05/74-09/05/74	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/05/74-09/05/74	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/05/74-09/05/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/05/74-09/05/74	1	489.	489.	489.	489.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/05/74-09/05/74	1	1.51	1.51	1.51	1.51	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/05/74-09/05/74	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/05/74-09/05/74	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/05/74-09/05/74	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/05/74-09/05/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	09/05/74-09/05/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/05/74-09/05/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/05/74-09/05/74	1	119.	119.	119.	119.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/05/74-09/05/74	1	26.4	26.4	26.4	26.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/05/74-09/05/74	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/05/74-09/05/74	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/05/74-09/05/74	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/05/74-09/05/74	1	113.	113.	113.	113.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/05/74-09/05/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0272

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/05/74-09/05/74	1	11.3	11.3	11.3	11.3	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/05/74-09/05/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/05/74-09/05/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/05/74-09/05/74	1	380.	380.	380.	380.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/05/74-09/05/74	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0272

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	1	1.00										1	1	1.00
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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0273

NPS Station ID: YELL0273
LAT/LON: 44.737226/ 110.089726
Agency: 112WRD
Date Created: / /
Location: TIMOTHY C AT MOUTH YNP, WY
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06187840
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001143
RF1 Mile Point: 2.030
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001014600.00
RF3 Mile Point: 0.01
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/69-07/23/69	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/23/69-07/23/69	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/69-07/23/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/69-07/23/69	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/23/69-07/23/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/23/69-07/23/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/69-07/23/69	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/69-07/23/69	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/23/69-07/23/69	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/23/69-07/23/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/23/69-07/23/69	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/23/69-07/23/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/23/69-07/23/69	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/23/69-07/23/69	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/23/69-07/23/69	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/23/69-07/23/69	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/23/69-07/23/69	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/23/69-07/23/69	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/69-07/23/69	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/69-07/23/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/23/69-07/23/69	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/23/69-07/23/69	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/23/69-07/23/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/23/69-07/23/69	1	76.	76.	76.	76.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/69-07/23/69	1	98.	98.	98.	98.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/23/69-07/23/69	1	3.08	3.08	3.08	3.08	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/23/69-07/23/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/23/69-07/23/69	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: YELL0273

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: YELL0273

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0274

NPS Station ID: YELL0274 LAT/LON: 44.740281/ 110.499727 Agency: 112WRD Date Created: / /
Location: CASCADE C. AB. DIV. NR. CANYON VILLAGE, YNP, FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06187050
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001035 RF1 Mile Point: 8.110 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10070001010500.00 RF3 Mile Point: 1.36 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/67-08/27/69	3	14.	13.633	18.	8.9	20.803	4.561	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/18/69-08/27/69	2	5.	5.	8.	2.	18.	4.243	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/18/69-08/27/69	2	6.5	6.5	8.	5.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/67-08/27/69	3	83.	95.	121.	81.	508.	22.539	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/67-08/27/69	3	7.7	7.567	7.7	7.3	0.053	0.231	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/67-08/27/69	3	7.7	7.523	7.7	7.3	0.056	0.237	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/67-08/27/69	3	0.02	0.03	0.05	0.02	0.	0.017	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/67-08/27/69	3	37.	42.	56.	33.	151.	12.288	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/22/67-08/27/69	3	45.	51.	68.	40.	223.	14.933	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/22/67-08/27/69	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/67-08/27/69	3	26.	33.667	50.	25.	200.333	14.154	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/67-08/27/69	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/67-08/27/69	3	6.8	9.7	16.	6.3	29.83	5.462	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/67-08/27/69	3	2.3	2.3	2.4	2.2	0.01	0.1	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/67-08/27/69	3	5.5	5.2	5.8	4.3	0.63	0.794	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/22/67-08/27/69	3	0.4	0.433	0.5	0.4	0.003	0.058	**	**	**	**
00932	SODIUM, PERCENT	08/22/67-08/27/69	3	26.	25.	30.	19.	31.	5.568	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/67-08/27/69	3	1.5	1.467	1.8	1.1	0.123	0.351	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/67-08/27/69	3	0.4	0.367	0.6	0.1	0.063	0.252	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/67-08/27/69	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/67-08/27/69	3	0.6	0.567	0.7	0.4	0.023	0.153	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/67-08/27/69	3	31.	29.333	32.	25.	14.333	3.786	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/22/67-08/27/69	3	10.	40.	110.	0.	3700.	60.828	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/18/69-07/18/69	1	110.	110.	110.	110.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/22/67-08/27/69	3	76.	84.	102.	74.	244.	15.62	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/18/69-08/27/69	2	68.	68.	74.	62.	72.	8.485	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/18/69-08/27/69	2	0.985	0.985	1.56	0.41	0.661	0.813	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/67-08/27/69	3	0.1	0.113	0.14	0.1	0.001	0.023	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/67-08/27/69	3	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
71885	IRON (UG/L AS FE)	08/22/67-08/22/67	1	90.	90.	90.	90.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0274

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	3	0	0.00							1	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00							1	0	0.00	2	0	0.00
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
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	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: YELL0275

NPS Station ID: YELL0275 LAT/LON: 44.750476/ 110.966837 Agency: 11NPSYSP Date Created: 07/07/90
Location: MAPLE CREEK AT CONFLUENCE WITH SOUTH FORK FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 200202000000002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 5.20 On/Off RF1:
RF3 Index: 10020007163900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.14 On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 2866.82 STREAM LENGTH (km)= 19.1 % GRADIENT= .91
HIGHEST ELEVATION (m)=2247.0 LOWEST ELEVATION (m)=2072.6 INTRODUCED BROOK AND BROWN TROUT PRESENT.

Parameter Inventory for Station: YELL0275

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: YELL0276

NPS Station ID: YELL0276
LAT/LON: 44.750837/ 110.726670
Agency: 12WLS1
Date Created: 09/03/88
Location: NYMPH LAKE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4D3-016
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 59
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 10070001025400.00
RF3 Mile Point: 1.88
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0276

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	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/24/85-09/24/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/24/85-09/24/85	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/85-09/24/85	1	676.	676.	676.	676.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/24/85-09/24/85	1	139.725	139.725	139.725	139.725	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/24/85-09/24/85	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/24/85-09/24/85	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/85-09/24/85	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/24/85-09/24/85	1	1340.7	1340.7	1340.7	1340.7	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/24/85-09/24/85	1	102.5	102.5	102.5	102.5	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/85-09/24/85	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/24/85-09/24/85	1	61.8	61.8	61.8	61.8	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/24/85-09/24/85	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/24/85-09/24/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/24/85-09/24/85	1	124.5	124.5	124.5	124.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/85-09/24/85	1	19.65	19.65	19.65	19.65	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/24/85-09/24/85	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/85-09/24/85	1	3.45	3.45	3.45	3.45	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/24/85-09/24/85	1	114.1	114.1	114.1	114.1	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/24/85-09/24/85	1	86.	86.	86.	86.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/24/85-09/24/85	1	1119.	1119.	1119.	1119.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/24/85-09/24/85	1	0.046	0.046	0.046	0.046	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/24/85-09/24/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/24/85-09/24/85	1	381.	381.	381.	381.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/24/85-09/24/85	1	7504.58	7504.58	7504.58	7504.58	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/24/85-09/24/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/24/85-09/24/85	1	7.1	7.1	7.1	7.1	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: YELL0276

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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: YELL0276

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00										1	0	0.00
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
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0277

NPS Station ID: YELL0277
LAT/LON: 44.751560/ 110.100393
Agency: 11NPSYSP
Date Created: 07/07/90
Location: MILLER CREEK AT CONFLUENCE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103329000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 9.70
On/Off RF1:
RF3 Index: 10070001078800.00
RF3 Mile Point: 0.68
Distance from RF3: 0.09
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)=10485.78 STREAM LENGTH (km)= 22.9 % GRADIENT= 2.98
HIGHEST ELEVATION (m)=2804.2 LOWEST ELEVATION (m)=2121.4 NATIVE CUTTHROAT TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0277

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: YELL0278

NPS Station ID: YELL0278 LAT/LON: 44.760281/ 110.471671 Agency: 112WRD Date Created: / /
Location: CASCADE CR TR AB DIV DAM NR CANYON VILLAGE FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06187035
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001035 RF1 Mile Point: 8.110 Distance from RF1: 25.80 On/Off RF1: OFF
RF3 Index: 17040101066501.03 RF3 Mile Point: 1.02 Distance from RF3: 0.09 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/68-07/29/68	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/29/68-07/29/68	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/29/68-07/29/68	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/29/68-07/29/68	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/29/68-07/29/68	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/68-07/29/68	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/29/68-07/29/68	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/29/68-07/29/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/29/68-07/29/68	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/29/68-07/29/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/29/68-07/29/68	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/29/68-07/29/68	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/29/68-07/29/68	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/29/68-07/29/68	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/29/68-07/29/68	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/29/68-07/29/68	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/29/68-07/29/68	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/29/68-07/29/68	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/29/68-07/29/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/29/68-07/29/68	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/29/68-07/29/68	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/29/68-07/29/68	1	50.	50.	50.	50.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/29/68-07/29/68	1	60.	60.	60.	60.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/29/68-07/29/68	1	59.	59.	59.	59.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/68-07/29/68	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/29/68-07/29/68	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: YELL0278

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			

& - 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: YELL0278

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0279

NPS Station ID: YELL0279 LAT/LON: 44.765837/ 110.464448 Agency: 112WRD Date Created: / /
Location: SULPHUR CR TR AB DIV DAM NR CANYON VILLAGE FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06187100
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001035 RF1 Mile Point: 8.110 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10070001086600.00 RF3 Mile Point: 1.56 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0279

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/68-07/29/68	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/29/68-07/29/68	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/29/68-07/29/68	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/29/68-07/29/68	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/29/68-07/29/68	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/68-07/29/68	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/29/68-07/29/68	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/29/68-07/29/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/29/68-07/29/68	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/29/68-07/29/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/29/68-07/29/68	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/29/68-07/29/68	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/29/68-07/29/68	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/29/68-07/29/68	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/29/68-07/29/68	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/29/68-07/29/68	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/29/68-07/29/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/29/68-07/29/68	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/29/68-07/29/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/29/68-07/29/68	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/29/68-07/29/68	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/29/68-07/29/68	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/29/68-07/29/68	1	62.	62.	62.	62.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/29/68-07/29/68	1	60.	60.	60.	60.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/68-07/29/68	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/29/68-07/29/68	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: YELL0279

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			

& - 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: YELL0279

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0280

NPS Station ID: YELL0280
LAT/LON: 44.767503/ 110.102503
Agency: 112WRD
Date Created: / /
Location: MILLER C AT MOUTH YNP, WY
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06187850
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001142
RF1 Mile Point: 1.720
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001014400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0280

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/69-07/23/69	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/23/69-07/23/69	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/69-07/23/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/69-07/23/69	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/23/69-07/23/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/23/69-07/23/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/69-07/23/69	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/69-07/23/69	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/23/69-07/23/69	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/23/69-07/23/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/23/69-07/23/69	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/23/69-07/23/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/23/69-07/23/69	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/23/69-07/23/69	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/23/69-07/23/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/23/69-07/23/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/23/69-07/23/69	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/23/69-07/23/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/69-07/23/69	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/69-07/23/69	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/23/69-07/23/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/23/69-07/23/69	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/23/69-07/23/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/23/69-07/23/69	1	48.	48.	48.	48.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/69-07/23/69	1	67.	67.	67.	67.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/23/69-07/23/69	1	5.31	5.31	5.31	5.31	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/23/69-07/23/69	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/23/69-07/23/69	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: YELL0280

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: YELL0280

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0281

NPS Station ID: YELL0281
LAT/LON: 44.769448/ 111.111392
Agency: 21MTHDWQ
Date Created: 10/12/85
Location: COUGAR CREEK AT HIWAY 287
FIPS State/County: 30031 MONTANA/GALLATIN
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 1640CO02
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: N CENT MISS FR MILK TO SPR CRK
ECO Region:
RF1 Index: 10020007091
RF1 Mile Point: 0.630
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10020007006700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:
HEBGEN LAKE STUDY

Parameter Inventory for Station: YELL0281

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/73-06/23/76	5	9.5	8.3	11.	4.	7.95	2.82	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/73-03/21/73	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/21/73-06/23/76	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/30/75-09/30/75	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/30/75-06/23/76	4	45.	48.75	85.	20.	739.583	27.195	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/21/73-06/23/76	4	77.5	74.75	98.	46.	740.917	27.22	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/30/75-06/23/76	4	9.3	9.2	9.6	8.6	0.207	0.455	**	**	**	**
00400	PH (STANDARD UNITS)	09/30/75-06/23/76	4	7.575	7.588	7.9	7.3	0.064	0.253	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/30/75-06/23/76	4	7.569	7.535	7.9	7.3	0.068	0.26	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/75-06/23/76	4	0.027	0.029	0.05	0.013	0.	0.016	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/21/73-06/23/76	4	7.45	7.45	7.7	7.2	0.057	0.238	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/21/73-06/23/76	4	7.425	7.403	7.7	7.2	0.06	0.244	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/21/73-06/23/76	4	0.038	0.04	0.063	0.02	0.	0.02	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/21/73-05/25/76	3	46.	36.333	46.	17.	280.333	16.743	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/21/73-05/25/76	3	56.	44.333	56.	21.	408.333	20.207	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/21/73-05/25/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/75-06/23/76	3	8.	6.667	10.	2.	17.333	4.163	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/75-06/23/76	4 ##	0.005	0.016	0.05	0.005	0.001	0.023	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/21/73-03/21/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/75-06/23/76	3	0.13	0.095	0.15	0.005	0.006	0.079	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/30/75-06/23/76	4	0.015	0.021	0.05	0.005	0.	0.02	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/30/75-06/23/76	4	0.014	0.015	0.023	0.01	0.	0.006	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/21/73-05/25/76	3	41.	32.333	42.	14.	252.333	15.885	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/21/73-05/25/76	3	12.	9.7	12.	5.1	15.87	3.984	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/21/73-05/25/76	3	2.7	1.933	2.8	0.3	2.003	1.415	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/21/73-05/25/76	3	4.5	3.967	5.4	2.	3.103	1.762	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/21/73-05/25/76	3	0.8	1.033	2.	0.3	0.763	0.874	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/21/73-05/25/76	3	3.	4.	8.	1.	13.	3.606	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/30/75-05/25/76	2	0.755	0.755	1.	0.51	0.12	0.346	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/30/75-05/25/76	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/30/75-05/25/76	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/30/75-05/25/76	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/30/75-05/25/76	2	475.	475.	810.	140.	224450.	473.762	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/30/75-05/25/76	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/30/75-05/25/76	2 ##	17.5	17.5	30.	5.	312.5	17.678	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/30/75-05/25/76	2 ##	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: YELL0281

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/30/75-06/23/76	4	46.	73.	180.	20.	5334.667	73.039	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/30/75-06/23/76	4	1.647	1.713	2.255	1.301	0.166	0.408	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			51.618								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/75-06/23/76	4	36.5	72.25	200.	16.	7528.25	86.765	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/75-06/23/76	4	1.513	1.633	2.301	1.204	0.25	0.5	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			42.915								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/30/75-06/23/76	4	7.	8.	17.	1.	68.	8.246	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/30/75-06/23/76	4	0.557	0.586	1.23	0.	0.46	0.678	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			3.856								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/21/73-05/25/76	3	79.	65.	84.	32.	823.	28.688	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/21/73-06/23/76	5	0.014	0.012	0.023	0.003	0.	0.008	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/30/75-05/25/76	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: YELL0281

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	1	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	1	0	0.00				1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	50.	2	0	0.00				1	0	0.00				1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	5.	2	0	0.00				1	0	0.00				1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	1300.	2	0	0.00				1	0	0.00				1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	5.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00				1	0	0.00				1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	1	0.25	1	1	1.00	1	0	0.00	1	0	0.00	1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	2.	2	0	0.00				1	0	0.00				1	0	0.00

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

Station Inventory for Station: YELL0282

NPS Station ID: YELL0282 | LAT/LON: 44.769448/ 111.112504 | Agency: 11EPALES | Date Created: / /
Location: COUGAR CREEK | FIPS State/County: 30000 MONTANA/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 3005F1
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10020007 | Depth of Water: 0 | Aquifer:
Major Basin: T/HEBGEN LAKE | Elevation: 0 | Water Body Id:
Minor Basin: HWY 191/287 BRDG 8 MI N OF W YELLOWSTONE | ECO Region:
RF1 Index: 10020007091 | RF1 Mile Point: 0.630 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 10020007007006.16 | RF3 Mile Point: 6.16 | Distance from RF3: 0.05 | On/Off RF3:
Description:
US HWY 191/287 BRDG 8.0 MI N OF WEST YELLOWSTONE SEC 21/22 T12S R5E

Parameter Inventory for Station: YELL0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/74-09/06/75	12	0.038	0.034	0.065	0.01	0.	0.018	0.01	0.015	0.048	0.061
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/02/74-10/05/74	2 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/02/74-10/05/74	2	0.028	0.028	0.032	0.024	0.	0.006	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/02/74-09/06/75	12	0.4	0.513	2.1	0.05	0.339	0.582	0.05	0.05	0.75	1.74
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/02/74-09/06/75	12	0.035	0.036	0.06	0.01	0.	0.02	0.01	0.02	0.06	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/02/74-09/06/75	12	0.025	0.029	0.08	0.01	0.	0.018	0.012	0.02	0.03	0.068
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/02/74-09/06/75	12	0.015	0.016	0.028	0.008	0.	0.007	0.009	0.01	0.02	0.027

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

EPA Water Quality Criteria Analysis for Station: YELL0282

				Total	Exceed	Prop.	11/01-4/15			4/16-6/15			6/16-8/15			8/16-10/31		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00										2	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00										2	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	5	0	0.00	2	0	0.00	2	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: YELL0283

NPS Station ID: YELL0283 LAT/LON: 44.770281/ 111.112504 Agency: 112WRD Date Created: 09/03/88
Location: COUGAR CREEK NR MOUTH NR WEST YELLOWSTONE MT FIPS State/County: 30031 MONTANA/GALLATIN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 444613111064501
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 1.60 On/Off RF1:
RF3 Index: 10020008006303.29 RF3 Mile Point: 4.62 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/87-09/24/87	5	9.	7.6	14.	0.	28.3	5.32	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/09/87-09/24/87	6	14.5	32.5	99.	7.	1331.1	36.484	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/09/87-09/24/87	6	101.	88.833	113.	48.	766.967	27.694	**	**	**	**

** - Less than 9 observations ## - 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: YELL0284

NPS Station ID: YELL0284 | LAT/LON: 44.779170/ 111.112504 | Agency: 11EPALES | Date Created: / /
Location: DUCK CREEK | FIPS State/County: 30000 MONTANA/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 3005G1
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10020007 | Depth of Water: 0 | Aquifer:
Major Basin: T/HEBGEN LAKE | Elevation: 0 | Water Body Id:
Minor Basin: HWY 191/287 BRDG 9 MI N OF W YELLOWSTONE | ECO Region:
RF1 Index: 10020007096 | RF1 Mile Point: 0.800 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 10020007009100.00 | RF3 Mile Point: 2.07 | Distance from RF3: 0.05 | On/Off RF3:
Description:
US HWY 191/287 BRDG 9.0 MI N OF WEST YELLOWSTONE SEC 21/22 T12S R5E

Parameter Inventory for Station: YELL0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/74-09/06/75	12	0.02	0.026	0.065	0.01	0.	0.016	0.012	0.015	0.032	0.059
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/02/74-10/05/74	2 ##	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/02/74-10/05/74	2	0.02	0.02	0.024	0.016	0.	0.006	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/02/74-09/06/75	12	0.5	0.906	3.3	0.05	1.166	1.08	0.08	0.181	0.975	3.18
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/02/74-09/06/75	12	0.025	0.038	0.08	0.005	0.001	0.028	0.007	0.013	0.06	0.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/02/74-09/06/75	12	0.03	0.033	0.06	0.02	0.	0.013	0.02	0.02	0.04	0.057
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/02/74-09/06/75	12	0.016	0.017	0.026	0.01	0.	0.005	0.01	0.011	0.02	0.026

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

EPA Water Quality Criteria Analysis for Station: YELL0284

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
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.	2	0	0.00										2	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	5	0	0.00	2	0	0.00	2	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: YELL0285

NPS Station ID: YELL0285 LAT/LON: 44.780004/ 111.112504 Agency: 112WRD Date Created: 09/03/88
Location: DUCK CR AB COUGAR CR NEAR WEST YELLOWSTONE MT FIPS State/County: 30031 MONTANA/GALLATIN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 444648111064501
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 3.30 On/Off RF1:
RF3 Index: 10020007009100.00 RF3 Mile Point: 2.07 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0285

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/87-09/24/87	5	10.	10.4	16.	5.	21.3	4.615	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/87-09/24/87	6	38.	43.167	71.	26.	343.767	18.541	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/08/87-09/24/87	6	111.5	109.333	137.	87.	386.667	19.664	**	**	**	**

** - Less than 9 observations ## - 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: YELL0286

NPS Station ID: YELL0286 LAT/LON: 44.780281/ 111.111392 Agency: 21MTHDWQ Date Created: 10/12/85
Location: DUCK CREEK AT HI-WAY 191 BRIDGE AT HIWAY FIPS State/County: 30031 MONTANA/GALLATIN
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1640DU01
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10020007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: N CENT MISS FR MILK TO SPR CRK ECO Region:
RF1 Index: 10020007096 RF1 Mile Point: 0.900 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10020007009100.00 RF3 Mile Point: 2.10 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/73-05/25/76	4	6.5	6.2	11.	0.8	25.627	5.062	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/73-09/30/75	2	22.5	22.5	30.	15.	112.5	10.607	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/21/73-06/23/76	2	2.35	2.35	2.7	2.	0.245	0.495	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/30/75-09/30/75	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/30/75-06/23/76	4	76.	69.25	105.	20.	1648.917	40.607	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/21/73-06/23/76	4	98.5	93.	123.	52.	1160.667	34.069	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/30/75-06/23/76	4	10.4	10.225	11.	9.1	0.749	0.866	**	**	**	**
00400	PH (STANDARD UNITS)	09/30/75-06/23/76	4	7.75	7.875	8.5	7.5	0.189	0.435	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/30/75-06/23/76	4	7.747	7.753	8.5	7.5	0.209	0.457	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/75-06/23/76	4	0.018	0.018	0.032	0.003	0.	0.012	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/21/73-06/23/76	4	7.5	7.5	7.8	7.2	0.067	0.258	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/21/73-06/23/76	4	7.489	7.444	7.8	7.2	0.071	0.266	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/21/73-06/23/76	4	0.032	0.036	0.063	0.016	0.	0.021	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/21/73-05/25/76	3	57.	46.	58.	23.	397.	19.925	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/21/73-05/25/76	3	69.	56.	71.	28.	589.	24.269	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/21/73-05/25/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/75-06/23/76	3	7.	6.333	8.	4.	4.333	2.082	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/75-06/23/76	4 ##	0.005	0.009	0.02	0.005	0.	0.008	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/21/73-03/21/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/30/75-06/23/76	3	0.19	0.173	0.27	0.06	0.011	0.106	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/30/75-06/23/76	4	0.025	0.029	0.06	0.005	0.001	0.023	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/30/75-06/23/76	4	0.025	0.025	0.03	0.019	0.	0.005	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/21/73-05/25/76	3	47.	41.	58.	18.	427.	20.664	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/21/73-05/25/76	3	13.6	12.667	18.	6.4	34.293	5.856	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/21/73-05/25/76	3	3.1	2.267	3.2	0.5	2.343	1.531	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/21/73-05/25/76	3	6.8	5.8	7.6	3.	6.04	2.458	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/21/73-05/25/76	3	0.9	0.767	1.	0.4	0.103	0.321	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/21/73-05/25/76	3	2.	4.333	10.	1.	24.333	4.933	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/30/75-05/25/76	2	0.45	0.45	0.72	0.18	0.146	0.382	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/30/75-05/25/76	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/30/75-05/25/76	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/30/75-05/25/76	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/30/75-05/25/76	2	250.	250.	260.	240.	200.	14.142	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/30/75-05/25/76	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/30/75-05/25/76	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/30/75-05/25/76	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/30/75-06/23/76	4	15.5	15.5	22.	9.	48.333	6.952	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/30/75-06/23/76	4	1.161	1.155	1.342	0.954	0.042	0.206	**	**	**	**

** - Less than 9 observations ## - 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: YELL0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14.28								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/75-06/23/76	4	13.	11.125	18.	0.5	61.729	7.857	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/30/75-06/23/76	4	1.102	0.79	1.255	-0.301	0.541	0.735	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.16								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/30/75-06/23/76	4	15.	19.5	43.	5.	268.333	16.381	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/30/75-06/23/76	4	1.175	1.171	1.633	0.699	0.146	0.382	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			14.814								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/21/73-05/25/76	3	95.	82.	110.	41.	1317.	36.29	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/21/73-06/23/76	5	0.016	0.015	0.02	0.009	0.	0.004	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/30/75-05/25/76	2 ##	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: YELL0286

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	1	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	1	0	0.00				1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	50.	2	0	0.00				1	0	0.00				1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	5.	2	0	0.00				1	0	0.00				1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	1300.	2	0	0.00				1	0	0.00				1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	5.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00				1	0	0.00				1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	2.	2	0	0.00				1	0	0.00				1	0	0.00

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

Station Inventory for Station: YELL0287

NPS Station ID: YELL0287
LAT/LON: 44.782503/ 110.111948
Agency: 112WRD
Date Created: / /
Location: CALFEE C AT MOUTH YNP, WY
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06187860
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001142
RF1 Mile Point: 0.390
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001015400.00
RF3 Mile Point: 0.03
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/69-07/22/69	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/22/69-07/22/69	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/22/69-07/22/69	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/22/69-07/22/69	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/22/69-07/22/69	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/22/69-07/22/69	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/22/69-07/22/69	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/22/69-07/22/69	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/22/69-07/22/69	1	61.	61.	61.	61.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/22/69-07/22/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/22/69-07/22/69	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/22/69-07/22/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/22/69-07/22/69	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/22/69-07/22/69	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/22/69-07/22/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/22/69-07/22/69	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/22/69-07/22/69	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/22/69-07/22/69	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/22/69-07/22/69	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/22/69-07/22/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/22/69-07/22/69	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/22/69-07/22/69	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/22/69-07/22/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/22/69-07/22/69	1	64.	64.	64.	64.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/22/69-07/22/69	1	79.	79.	79.	79.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/22/69-07/22/69	1	1.11	1.11	1.11	1.11	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/22/69-07/22/69	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/22/69-07/22/69	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: YELL0287

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: YELL0287

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0288

NPS Station ID: YELL0288 LAT/LON: 44.784087/ 110.101227 Agency: 11NPSYSP Date Created: 07/07/90
Location: CALFEE CR. @ LAMAR RIVER TRAIL CROSSING FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 103327000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.70 On/Off RF1:
RF3 Index: 10070001014000.00 RF3 Mile Point: 4.35 Distance from RF3: 0.13 On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 3260.6 STREAM LENGTH (km)= 11.76 % GRADIENT= 5.8
HIGHEST ELEVATION (m)=2755.4 LOWEST ELEVATION (m)=2072.6 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0288

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: YELL0289

NPS Station ID: YELL0289 LAT/LON: 44.784504/ 110.717171 Agency: 11NPSYSP Date Created: 05/24/86
Location: LAKE OF THE WOODS, FOOT OF LANDMARK PEAK S. OBSI FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 201700000000057
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007 Depth of Water: 22 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020007 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10020007008414.01 RF3 Mile Point: 14.25 Distance from RF3: 0.05 On/Off RF3:
Description:
ELEVATION (m)= 2347 CAPACITY (m cubed)= 181345 DRAINAGE AREA (ha)= SURFACE AREA (ha)= 10.5
AVERAGE DEPTH (m)= 1.8 MAX DEPTH (m)= 7 0 FISH;STOCKED WITH BROOK AND RAINBOW, BACK TO FISHLESS STATE PERHAPS DU
E TO LACK OF SPAWNING HABITAT.

Parameter Inventory for Station: YELL0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/74-09/13/74	1	11.6	11.6	11.6	11.6	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/13/74-09/13/74	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/13/74-09/13/74	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/13/74-09/13/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/13/74-09/13/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/13/74-09/13/74	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/13/74-09/13/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/13/74-09/13/74	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/13/74-09/13/74	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/13/74-09/13/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/13/74-09/13/74	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/13/74-09/13/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/13/74-09/13/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/13/74-09/13/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/13/74-09/13/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/13/74-09/13/74	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/13/74-09/13/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/13/74-09/13/74	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/13/74-09/13/74	1	0.59	0.59	0.59	0.59	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/13/74-09/13/74	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/13/74-09/13/74	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/13/74-09/13/74	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/74-09/13/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/13/74-09/13/74	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	09/13/74-09/13/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/13/74-09/13/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/13/74-09/13/74	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/13/74-09/13/74	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/13/74-09/13/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/13/74-09/13/74	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/13/74-09/13/74	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

Parameter Inventory for Station: YELL0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/13/74-09/13/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/13/74-09/13/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/13/74-09/13/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/13/74-09/13/74	1	12.6	12.6	12.6	12.6	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/13/74-09/13/74	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/13/74-09/13/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/13/74-09/13/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/13/74-09/13/74	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: YELL0289

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
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
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
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0290

NPS Station ID: YELL0290 LAT/LON: 44.801309/ 110.733449 Agency: 11NPSYSP Date Created: 05/24/86
Location: BEAVER L. OFF NOR-MAM RD ON OBSIDIAN CK YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100700000000074
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 3 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001017 RF1 Mile Point: 3.520 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10070001027200.00 RF3 Mile Point: 0.00 Distance from RF3: 0.16 On/Off RF3:
Description:
ELEVATION (m)= 2249 CAPACITY (m cubed)= 32718 DRAINAGE AREA (ha)= 2920.7 SURFACE AREA (ha)= 8.9
AVERAGE DEPTH (m)= .4 MAX DEPTH (m)= 1.2 INTRODUCED BROOK TROUT; LIKELY RESIDENTS OF OBSIDIAN CK., BOTH RAINBOWT
ROUT AND GRAYLING HAVE BEEN STOCKED BUT APPARENTLY HAVE DISAPPEARED.

Parameter Inventory for Station: YELL0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/76-07/27/76	1	22.2	22.2	22.2	22.2	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/27/76-07/27/76	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/27/76-07/27/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/27/76-07/27/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/27/76-07/27/76	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/76-07/27/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/76-07/27/76	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/76-07/27/76	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/76-07/27/76	1	7.943	7.943	7.943	7.943	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/76-07/27/76	1	255.	255.	255.	255.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/27/76-07/27/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/27/76-07/27/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/27/76-07/27/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/27/76-07/27/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/76-07/27/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/27/76-07/27/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/27/76-07/27/76	1	350.	350.	350.	350.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/27/76-07/27/76	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/27/76-07/27/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/27/76-07/27/76	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/27/76-07/27/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/76-07/27/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/27/76-07/27/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	07/27/76-07/27/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/27/76-07/27/76	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/27/76-07/27/76	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/27/76-07/27/76	1	3.74	3.74	3.74	3.74	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/76-07/27/76	1	88.	88.	88.	88.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/76-07/27/76	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/27/76-07/27/76	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/27/76-07/27/76	1	47.	47.	47.	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

Parameter Inventory for Station: YELL0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	07/27/76-07/27/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/27/76-07/27/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/27/76-07/27/76	1	16.2	16.2	16.2	16.2	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/27/76-07/27/76	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/27/76-07/27/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/27/76-07/27/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/27/76-07/27/76	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/27/76-07/27/76	1	2.1	2.1	2.1	2.1	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: YELL0290

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0291

NPS Station ID: YELL0291 LAT/LON: 44.801309/ 110.767226 Agency: 11NPSYSP Date Created: 05/24/86
Location: GRIZZLY L. N OF ROARING MT ON MAM-NOR RD YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100700000000073
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 16 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001017 RF1 Mile Point: 4.700 Distance from RF1: 12.70 On/Off RF1: OFF
RF3 Index: 10070001027400.00 RF3 Mile Point: 0.98 Distance from RF3: 0.70 On/Off RF3:
Description:
ELEVATION (m)= 2288 CAPACITY (m cubed)= 2815000 DRAINAGE AREA (ha)= 315.6 SURFACE AREA (ha)= 55
AVERAGE DEPTH (m)= 5.3 MAX DEPTH (m)= 11 INTRODUCED BROOK TROUT; FAIR FISHERY ALTHOUGH THE TROUT ARE SMALL.

Parameter Inventory for Station: YELL0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/26/79-10/26/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/26/79-10/26/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	10/26/79-10/26/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/26/79-10/26/79	1	119.	119.	119.	119.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/26/79-10/26/79	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/26/79-10/26/79	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/26/79-10/26/79	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/26/79-10/26/79	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	10/26/79-10/26/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	10/26/79-10/26/79	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/26/79-10/26/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	10/26/79-10/26/79	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/26/79-10/26/79	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/26/79-10/26/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/79-10/26/79	1	91.	91.	91.	91.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/79-10/26/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/79-10/26/79	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/79-10/26/79	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/26/79-10/26/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	10/26/79-10/26/79	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/79-10/26/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/26/79-10/26/79	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/26/79-10/26/79	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	10/26/79-10/26/79	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	10/26/79-10/26/79	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	10/26/79-10/26/79	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	10/26/79-10/26/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	10/26/79-10/26/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/26/79-10/26/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/26/79-10/26/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	10/26/79-10/26/79	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/26/79-10/26/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/26/79-10/26/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	10/26/79-10/26/79	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/26/79-10/26/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	10/26/79-10/26/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	10/26/79-10/26/79	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	10/26/79-10/26/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/79-10/26/79	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0291

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0292

NPS Station ID: YELL0292
LAT/LON: 44.801366/ 110.134616
Agency: 11NPSYSP
Date Created: 07/07/90
Location: TWIN CREEK NEAR MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103323000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.60
On/Off RF1:
RF3 Index: 10070001015600.00
RF3 Mile Point: 0.63
Distance from RF3: 0.12
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 1853.45 STREAM LENGTH (km)= 5.8 % GRADIENT= 10.94
HIGHEST ELEVATION (m)=2694.4 LOWEST ELEVATION (m)=2060.4

Parameter Inventory for Station: YELL0292

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: YELL0293

NPS Station ID: YELL0293 LAT/LON: 44.801476/ 110.134477 Agency: 11NPSYSP Date Created: 07/07/90
Location: LAMAR RIVER NEAR TWIN CREEK 100 M DOWMSTREAM FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 103300000000006
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 1.70 On/Off RF1:
RF3 Index: 10070001076900.00 RF3 Mile Point: 0.37 Distance from RF3: 0.10 On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)=46790.87 STREAM LENGTH (km)= 36.33 % GRADIENT= 2.32
HIGHEST ELEVATION (m)=2901.7 LOWEST ELEVATION (m)=2060.4 N-CUTTHROAT I-CUTTHROAT RAINBOW HYBRID

Parameter Inventory for Station: YELL0293

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: YELL0294

NPS Station ID: YELL0294
LAT/LON: 44.817587/ 111.084754
Agency: 11NPSYSP
Date Created: 07/07/90
Location: GRAYLING CR. AT PARK BOUNDARY
FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 200100000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020007
RF1 Mile Point: 0.000
Distance from RF1: 3.80
On/Off RF1:
RF3 Index: 10020007007202.44
RF3 Mile Point: 2.44
Distance from RF3: 0.21
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)=10695.43 STREAM LENGTH (km)= 26.2 % GRADIENT= 1.58
HIGHEST ELEVATION (m)=2487.2 LOWEST ELEVATION (m)=2072.6 NATIVE CUTTHROAT TROUT, AND INTRODUCED BROWN, RAINBOW, AND CUTTHROAT X RAINBOW TROUT HYBRID PRESENT.

Parameter Inventory for Station: YELL0294

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: YELL0295

NPS Station ID: YELL0295 | LAT/LON: 44.818087/ 110.134837 | Agency: 11NPSYSP | Date Created: 07/07/90
Location: CACHE CR. 450 METERS ABOVE CONFLUENCE | | FIPS State/County: 56029 WYOMING/PARK |
Station Type: /TYPA/AMBNT/STREAM | | STORET Station ID(s): 103322000000001 |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | |
HUC: 10070001 | Depth of Water: 0 | Aquifer: |
Major Basin: MISSOURI | Elevation: 0 | Water Body Id: |
Minor Basin: YELLOWSTONE | | ECO Region: |
RF1 Index: 10070001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.50 | On/Off RF1:
RF3 Index: 10070001013800.00 | RF3 Mile Point: 0.18 | Distance from RF3: 0.19 | On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)=19386.77 STREAM LENGTH (km)= 7.87 % GRADIENT= .93
HIGHEST ELEVATION (m)=2121.4 LOWEST ELEVATION (m)=2048.3 NATIVE CUTTHROAT TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0295

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: YELL0296

NPS Station ID: YELL0296 LAT/LON: 44.818115/ 110.833559 Agency: 11NPSYSP Date Created: 05/24/86
Location: LOWER TRILOBITE L.NW YNP BETWEEN DOME MT & HOLME FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100700000000077
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 49 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001015 RF1 Mile Point: 3.820 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10070001042000.00 RF3 Mile Point: 0.00 Distance from RF3: 0.49 On/Off RF3:
Description:
ELEVATION (m)= 2250 CAPACITY (m cubed)= 2944465 DRAINAGE AREA (ha)= 307 SURFACE AREA (ha)= 4.5
AVERAGE DEPTH (m)= 6.6 MAX DEPTH (m)= 15.1 INTRODUCED BROOK; TO DATE HIGHEST DENSITY OF BROOK TROUT SAMPLED IN YNP.

Parameter Inventory for Station: YELL0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/78-08/29/78	2	12.6	12.6	13.	12.2	0.32	0.566	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/28/78-08/28/78	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/78-08/29/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/28/78-08/29/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/28/78-08/29/78	2	70.5	70.5	91.	50.	840.5	28.991	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/28/78-08/29/78	2	8.9	8.9	9.	8.8	0.02	0.141	**	**	**	**
00400	PH (STANDARD UNITS)	08/28/78-08/29/78	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/28/78-08/29/78	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/78-08/29/78	2	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/28/78-08/29/78	2	1.8	1.8	2.5	1.1	0.98	0.99	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/28/78-08/29/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/28/78-08/29/78	2	27.	27.	44.	10.	578.	24.042	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/28/78-08/29/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/28/78-08/29/78	2	27.	27.	44.	10.	578.	24.042	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/28/78-08/29/78	2	33.	33.	54.	12.	882.	29.698	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/28/78-08/29/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/28/78-08/29/78	2	50.	50.	70.	30.	800.	28.284	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/78-08/29/78	2	0.14	0.14	0.19	0.09	0.005	0.071	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/78-08/29/78	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/28/78-08/29/78	2	0.215	0.215	0.37	0.06	0.048	0.219	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/28/78-08/29/78	2	0.215	0.215	0.37	0.06	0.048	0.219	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/28/78-08/29/78	2	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/28/78-08/29/78	2	0.215	0.215	0.37	0.06	0.048	0.219	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/28/78-08/29/78	2	2.75	2.75	3.	2.5	0.125	0.354	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/28/78-08/29/78	2	34.	34.	36.	32.	8.	2.828	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/28/78-08/29/78	2	10.3	10.3	11.	9.6	0.98	0.99	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/28/78-08/29/78	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/28/78-08/29/78	2	2.05	2.05	2.2	1.9	0.045	0.212	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/28/78-08/29/78	2	2.3	2.3	4.	0.6	5.78	2.404	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/28/78-08/29/78	2	0.9	0.9	1.6	0.2	0.98	0.99	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/28/78-08/29/78	2	3.	3.	5.	1.	8.	2.828	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/28/78-08/29/78	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/28/78-08/29/78	2	0.105	0.105	0.11	0.1	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

Parameter Inventory for Station: YELL0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/28/78-08/29/78	2	3.2	3.2	5.	1.4	6.48	2.546	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/28/78-08/29/78	2	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/28/78-08/29/78	2	10.55	10.55	11.6	9.5	2.205	1.485	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/28/78-08/29/78	2	0.215	0.215	0.37	0.06	0.048	0.219	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/28/78-08/29/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/28/78-08/29/78	2	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/28/78-08/29/78	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/28/78-08/29/78	2	0.8	0.8	1.2	0.4	0.32	0.566	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0296

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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	0	0.00										2	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 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
01042	COPPER, TOTAL	Fresh Acute	18.	2	2	1.00										2	2	1.00
		Drinking Water	1300.	2	0	0.00										2	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	2	0	0.00										2	0	0.00

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

Station Inventory for Station: YELL0297

NPS Station ID: YELL0297 LAT/LON: 44.818115/ 110.833559 Agency: 11NPSYSP Date Created: 05/24/86
Location: UPPER TRILOBITE L. NW YNP BETWEEN DOME& HOLME MT FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100700000000079
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 13 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001015 RF1 Mile Point: 3.820 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10070001027100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.74 On/Off RF3:
Description:
ELEVATION (m)= 2676 CAPACITY (m cubed)= 58720 DRAINAGE AREA (ha)= 2.8 SURFACE AREA (ha)= 157
AVERAGE DEPTH (m)= 2.1 MAX DEPTH (m)= 4.3 INTRODUCED BROOK; TO DATE THE HIGHEST DENSITY OF BROOK TROUT SAMPLED IN YNP.

Parameter Inventory for Station: YELL0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/78-08/30/78	1	12.2	12.2	12.2	12.2	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/30/78-08/30/78	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/30/78-08/30/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/30/78-08/30/78	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/30/78-08/30/78	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/30/78-08/30/78	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/30/78-08/30/78	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/30/78-08/30/78	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/78-08/30/78	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/78-08/30/78	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/30/78-08/30/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/30/78-08/30/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/30/78-08/30/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/30/78-08/30/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/78-08/30/78	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/30/78-08/30/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/30/78-08/30/78	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/78-08/30/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/30/78-08/30/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/78-08/30/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/30/78-08/30/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/30/78-08/30/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/78-08/30/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/30/78-08/30/78	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/78-08/30/78	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/30/78-08/30/78	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/30/78-08/30/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/30/78-08/30/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/30/78-08/30/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/30/78-08/30/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/30/78-08/30/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	08/30/78-08/30/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/30/78-08/30/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/78-08/30/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/30/78-08/30/78	1	3000.	3000.	3000.	3000.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/30/78-08/30/78	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/30/78-08/30/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/30/78-08/30/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/30/78-08/30/78	1	100.	100.	100.	100.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/30/78-08/30/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/30/78-08/30/78	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0297

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	1	1.00										1	1	1.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0298

NPS Station ID: YELL0298
LAT/LON: 44.829170/ 110.843060
Agency: 12WLS1
Date Created: 09/03/88
Location: (NO NAME)
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4D3-073
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 13
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 4.60
On/Off RF1:
RF3 Index: 10070001029700.00
RF3 Mile Point: 2.74
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/85-09/25/85	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/25/85-09/25/85	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/25/85-09/25/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/85-09/25/85	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/25/85-09/25/85	1	0.429	0.429	0.429	0.429	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/25/85-09/25/85	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/25/85-09/25/85	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/85-09/25/85	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/25/85-09/25/85	1	422.9	422.9	422.9	422.9	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/25/85-09/25/85	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/25/85-09/25/85	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/25/85-09/25/85	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/25/85-09/25/85	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/85-09/25/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/85-09/25/85	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/85-09/25/85	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/25/85-09/25/85	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/85-09/25/85	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/85-09/25/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/85-09/25/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/25/85-09/25/85	1	23.	23.	23.	23.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/25/85-09/25/85	1	0.034	0.034	0.034	0.034	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/25/85-09/25/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/25/85-09/25/85	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/25/85-09/25/85	1	8785.36	8785.36	8785.36	8785.36	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/25/85-09/25/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/25/85-09/25/85	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: YELL0298

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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: YELL0298

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00										1	0	0.00
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
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0299

NPS Station ID: YELL0299
LAT/LON: 44.831670/ 110.146948
Agency: 112WRD
Date Created: / /
Location: CACHE C AT MOUTH YNP, WY
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06187880
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001155
RF1 Mile Point: 0.510
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001078800.00
RF3 Mile Point: 0.19
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/69-07/24/69	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/24/69-07/24/69	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/24/69-07/24/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/69-07/24/69	1	119.	119.	119.	119.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/24/69-07/24/69	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/24/69-07/24/69	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/69-07/24/69	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/24/69-07/24/69	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/24/69-07/24/69	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/24/69-07/24/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/24/69-07/24/69	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/24/69-07/24/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/69-07/24/69	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/69-07/24/69	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/69-07/24/69	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/24/69-07/24/69	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/24/69-07/24/69	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/69-07/24/69	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/69-07/24/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/69-07/24/69	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/69-07/24/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/24/69-07/24/69	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/24/69-07/24/69	1	140.	140.	140.	140.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/69-07/24/69	1	70.	70.	70.	70.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/24/69-07/24/69	1	87.	87.	87.	87.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/24/69-07/24/69	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/24/69-07/24/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/24/69-07/24/69	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: YELL0299

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: YELL0299

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0300

NPS Station ID: YELL0300
LAT/LON: 44.833476/ 110.167116
Agency: 11NPSYSP
Date Created: 07/07/90
Location: OPAL CREEK AT MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103320000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 2.80
On/Off RF1:
RF3 Index: 10070001013700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.15
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1443.90 STREAM LENGTH (km)= 4.9 % GRADIENT= 12.93
HIGHEST ELEVATION (m)=2667.0 LOWEST ELEVATION (m)=2036.1

Parameter Inventory for Station: YELL0300

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: YELL0301

NPS Station ID: YELL0301 LAT/LON: 44.833809/ 110.701532 Agency: 11NPSYSP Date Created: 05/24/86
Location: OBSIDIAN L. 2.5KM E.NOR-MAM RD CENTRAL YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100700000000071
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 22 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 11.90 On/Off RF1:
RF3 Index: 10070001023800.00 RF3 Mile Point: 0.00 Distance from RF3: 0.04 On/Off RF3:
Description:
ELEVATION (m)= 2365 CAPACITY (m cubed)= 414620 DRAINAGE AREA (ha)= 394 SURFACE AREA (ha)= 11.3
AVERAGE DEPTH (m)= 1.3 MAX DEPTH (m)= 7.6 0 FISH; NO OFFICIAL STOCKING, WITH LACK OF INLET OR OUTLETS TO PREVENTM
IGRATION & SPAWNING, ALSO TOO SHALLOW TO OVERWINTER.

Parameter Inventory for Station: YELL0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/80-08/14/80	1	15.6	15.6	15.6	15.6	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/14/80-08/14/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/80-08/14/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/14/80-08/14/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/14/80-08/14/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/14/80-08/14/80	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/14/80-08/14/80	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/14/80-08/14/80	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/80-08/14/80	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/14/80-08/14/80	1	206.	206.	206.	206.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/14/80-08/14/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/14/80-08/14/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/14/80-08/14/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/14/80-08/14/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/14/80-08/14/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/14/80-08/14/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/80-08/14/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/80-08/14/80	1	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/14/80-08/14/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/14/80-08/14/80	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/14/80-08/14/80	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/14/80-08/14/80	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/14/80-08/14/80	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/14/80-08/14/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/80-08/14/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/14/80-08/14/80	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/14/80-08/14/80	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/14/80-08/14/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/14/80-08/14/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/14/80-08/14/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/80-08/14/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	08/14/80-08/14/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/14/80-08/14/80	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/80-08/14/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/14/80-08/14/80	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/14/80-08/14/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/14/80-08/14/80	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/14/80-08/14/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/14/80-08/14/80	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/14/80-08/14/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/14/80-08/14/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0301

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00							1	0	0.00			
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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0302

NPS Station ID: YELL0302 LAT/LON: 44.833920/ 110.067503 Agency: 11NPSYSP Date Created: 07/07/90
Location: SOUTH CACHE CREEK 100 M ABOVE OUTLET FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 103322080000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 4.20 On/Off RF1:
RF3 Index: 10070001014000.00 RF3 Mile Point: 2.75 Distance from RF3: 0.48 On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 5796.64 STREAM LENGTH (km)= 12.71 % GRADIENT= 6.56
HIGHEST ELEVATION (m)=2926.1 LOWEST ELEVATION (m)=2090.9 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0302

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: YELL0303

NPS Station ID: YELL0303
LAT/LON: 44.834226/ 110.350587
Agency: 11NPSYSP
Date Created: 07/07/90
Location: DEEP CR. AT CONFLUENCE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 104000000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 6.30
On/Off RF1:
RF3 Index: 10070001003200.05
RF3 Mile Point: 5.69
Distance from RF3: 0.62
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 5465.85 STREAM LENGTH (km)= 15.78 % GRADIENT= 4.64
HIGHEST ELEVATION (m)=2682.2 LOWEST ELEVATION (m)=1950.7

Parameter Inventory for Station: YELL0303

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: YELL0304

NPS Station ID: YELL0304
LAT/LON: 44.850366/ 110.183976
Agency: 11NPSYSP
Date Created: 07/07/90
Location: CHALCEDONY CREEK @ MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103318000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.20
On/Off RF1:
RF3 Index: 10070001016000.00
RF3 Mile Point: 0.29
Distance from RF3: 0.24
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1177.70 STREAM LENGTH (km)= 4.18 % GRADIENT= 9.14
HIGHEST ELEVATION (m)=2243.3 LOWEST ELEVATION (m)=2023.9

Parameter Inventory for Station: YELL0304

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: YELL0305

NPS Station ID: YELL0305 LAT/LON: 44.861115/ 110.883615 Agency: 11NPSYSP Date Created: 06/28/86
Location: GALLATIN L. HEADWATERS OF GALLATIN R. NW YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 500000000000053
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008 Depth of Water: 45 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020008 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10020007107500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.12 On/Off RF3:
Description:
ELEVATION (m)= 820.5 CAPACITY (m cubed)= 435280 DRAINAGE AREA (ha)= 60.7 SURFACE AREA (ha)= 7.9
AVERAGE DEPTH (m)=5.51 MAX DEPTH (m)= 14.3 0 FISH; UNOFFICIAL STOCKING, BUT APPARENTLY IT HAS RETURNED TO FISHLESS STATE.

Parameter Inventory for Station: YELL0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/79-09/01/79	1	15.8	15.8	15.8	15.8	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/01/79-09/01/79	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/01/79-09/01/79	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/01/79-09/01/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/01/79-09/01/79	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/01/79-09/01/79	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/79-09/01/79	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/01/79-09/01/79	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/01/79-09/01/79	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/01/79-09/01/79	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/01/79-09/01/79	1	88.	88.	88.	88.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/01/79-09/01/79	1	115.	115.	115.	115.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/01/79-09/01/79	1	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/01/79-09/01/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/01/79-09/01/79	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/79-09/01/79	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/01/79-09/01/79	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	09/01/79-09/01/79	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/01/79-09/01/79	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/01/79-09/01/79	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/01/79-09/01/79	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/79-09/01/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/79-09/01/79	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/01/79-09/01/79	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/01/79-09/01/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/01/79-09/01/79	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/01/79-09/01/79	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/01/79-09/01/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/01/79-09/01/79	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: YELL0305

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0306

NPS Station ID: YELL0306
LAT/LON: 44.861948/ 110.392226
Agency: 112WRD
Date Created: / /
Location: SUPPLY SP NR TOWER FALL, YNP, WY
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06187460
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001029
RF1 Mile Point: 1.790
Distance from RF1: 2.40
On/Off RF1: OFF
RF3 Index: 10070001011800.44
RF3 Mile Point: 6.07
Distance from RF3: 0.38
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/17/69-07/17/69	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/17/69-07/17/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/69-07/17/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/69-07/17/69	1	146.	146.	146.	146.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/17/69-07/17/69	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/17/69-07/17/69	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/17/69-07/17/69	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/69-07/17/69	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/17/69-07/17/69	1	85.	85.	85.	85.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/17/69-07/17/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/69-07/17/69	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/17/69-07/17/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/17/69-07/17/69	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/17/69-07/17/69	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/17/69-07/17/69	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/17/69-07/17/69	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/17/69-07/17/69	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/17/69-07/17/69	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/69-07/17/69	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/69-07/17/69	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/69-07/17/69	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/17/69-07/17/69	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/17/69-07/17/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/17/69-07/17/69	1	20.	20.	20.	20.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/17/69-07/17/69	1	88.	88.	88.	88.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/17/69-07/17/69	1	93.	93.	93.	93.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/17/69-07/17/69	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/17/69-07/17/69	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/17/69-07/17/69	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: YELL0306

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0307

NPS Station ID: YELL0307 LAT/LON: 44.866781/ 110.166699 Agency: 11NPSYSP Date Created: 07/07/90
Location: SODA BUTTE CREEK NEAR LAMAR TRAILHEAD FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 103317000000002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 1.30 On/Off RF1:
RF3 Index: 10070001015800.00 RF3 Mile Point: 1.45 Distance from RF3: 0.19 On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)=25621.32 STREAM LENGTH (km)= 30.6 % GRADIENT= 1.06
HIGHEST ELEVATION (m)= 2347 LOWEST ELEVATION (m)=2023.9 INTRODUCED CUTTHROAT x RAINBOW TROUT HYBRID

Parameter Inventory for Station: YELL0307

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: YELL0308

NPS Station ID: YELL0308 LAT/LON: 44.867004/ 110.184477 Agency: 11NPSYSP Date Created: 07/07/90
Location: SODA BUTTE CREEK AT CONFLUENCE OF LAMAR RIVER FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 103317000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 14.00 On/Off RF1:
RF3 Index: 10070001080700.00 RF3 Mile Point: 1.75 Distance from RF3: 0.21 On/Off RF3:
Description:
STREAM ORDER= 03 WATERSHED SIZE (ha)= 26314.4 STREAM LENGTH (km)= 33.6 % GRADIENT= .96
HIGHEST ELEVATION (m)= 2347 LOWEST ELEVATION (m)=2023.8 I-CUTTHROAT RAINBOW HYBRID

Parameter Inventory for Station: YELL0308

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: YELL0309

NPS Station ID: YELL0309
LAT/LON: 44.867198/ 110.351448
Agency: 11NPSYSP
Date Created: 07/07/90
Location: QUARTZ CREEK .2 KM FROM MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103800000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.70
On/Off RF1:
RF3 Index: 10070001003200.05
RF3 Mile Point: 3.30
Distance from RF3: 0.01
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 456.8 STREAM LENGTH (km)= 2.2 % GRADIENT= 14.41
HIGHEST ELEVATION (m)=2316.5 LOWEST ELEVATION (m)=1999.5

Parameter Inventory for Station: YELL0309

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: YELL0310

NPS Station ID: YELL0310 LAT/LON: 44.867337/ 110.166671 Agency: 11NPSYSP Date Created: 05/24/86
Location: FOSTER L. NE YNP NW FO SODABUTTE CK S.OF DRUID P FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 103300000000065
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 16 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001158 RF1 Mile Point: 1.770 Distance from RF1: 10.40 On/Off RF1: ON
RF3 Index: 10070001086200.00 RF3 Mile Point: 0.71 Distance from RF3: 0.39 On/Off RF3:
Description:
ELEVATION (m)= 2018 CAPACITY (m cubed)= 88821 DRAINAGE AREA (ha)= 87 SURFACE AREA (ha)= 3.2
AVERAGE DEPTH (m)= 2.7 MAX DEPTH (m)= 5.8 0 FISH; STOCKED IN 1931, 2,500 RAINBOW TROUT BUT DUE TO LACK OF SPAWNING
HABITAT AND SHALLOW DEPTH IT HAS RETURNED TO ORIGINAL FISHLESS STATE.

Parameter Inventory for Station: YELL0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/77-08/17/77	1	18.9	18.9	18.9	18.9	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/17/77-08/17/77	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/17/77-08/17/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/17/77-08/17/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/77-08/17/77	1	390.	390.	390.	390.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/17/77-08/17/77	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/17/77-08/17/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/17/77-08/17/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/77-08/17/77	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/17/77-08/17/77	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/17/77-08/17/77	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/17/77-08/17/77	1	148.	148.	148.	148.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/17/77-08/17/77	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/17/77-08/17/77	1	176.	176.	176.	176.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/17/77-08/17/77	1	181.	181.	181.	181.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/17/77-08/17/77	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/77-08/17/77	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/17/77-08/17/77	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/77-08/17/77	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/17/77-08/17/77	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/77-08/17/77	1	173.	173.	173.	173.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/17/77-08/17/77	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/17/77-08/17/77	1	115.	115.	115.	115.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/17/77-08/17/77	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/17/77-08/17/77	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/17/77-08/17/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/17/77-08/17/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/17/77-08/17/77	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/77-08/17/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/17/77-08/17/77	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/17/77-08/17/77	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/17/77-08/17/77	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/17/77-08/17/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/17/77-08/17/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/17/77-08/17/77	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/17/77-08/17/77	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: YELL0310

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	1	1.00										1	1	1.00
		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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0311

NPS Station ID: YELL0311
LAT/LON: 44.867726/ 110.367948
Agency: 11NPSYSP
Date Created: 07/07/90
Location: ANTELOPE CREEK 2.01 KM FROM MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103600000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 3.70
On/Off RF1:
RF3 Index: 10070001086300.00
RF3 Mile Point: 2.93
Distance from RF3: 0.06
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 3415.62 STREAM LENGTH (km)= 12.5 % GRADIENT= 7.90
HIGHEST ELEVATION (m)=2884.3 LOWEST ELEVATION (m)=1901.9 FISH PRESENT, BUT SPECIES NOT IDENTIFIED.

Parameter Inventory for Station: YELL0311

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: YELL0312

NPS Station ID: YELL0312 LAT/LON: 44.868338/ 110.164726 Agency: 112WRD Date Created: 03/25/89
Location: SODA BUTTE CREEK NR LAMAR RANGER STATION YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06187950
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.80 On/Off RF1:
RF3 Index: 10070001002303.46 RF3 Mile Point: 3.83 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/88-09/07/92	42	4.	5.012	14.	0.	16.262	4.033	0.65	1.5	9.	11.35
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/27/88-09/07/92	38	49.5	179.289	1160.	17.	75266.373	274.347	18.	25.	179.5	634.8
00065	STAGE, STREAM (FEET)	10/03/90-09/07/92	20	2.005	2.527	4.72	1.63	1.041	1.02	1.681	1.733	3.688	4.116
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/02/88-11/02/88	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/88-09/07/92	42	257.5	240.571	348.	120.	4569.178	67.596	125.6	182.25	295.	310.7
00300	OXYGEN, DISSOLVED MG/L	11/02/88-11/02/88	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/02/88-11/02/88	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/02/88-11/02/88	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/88-11/02/88	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/02/88-11/02/88	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/02/88-11/02/88	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/88-11/02/88	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/02/88-11/02/88	1	145.	145.	145.	145.	0.	0.	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	11/02/88-11/02/88	1	146.	146.	146.	146.	0.	0.	**	**	**	**
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	11/02/88-11/02/88	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	11/02/88-11/02/88	1	178.	178.	178.	178.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/02/88-11/02/88	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/02/88-11/02/88	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/02/88-11/02/88	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/02/88-11/02/88	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/02/88-11/02/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/02/88-11/02/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/02/88-11/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/02/88-11/02/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/02/88-11/02/88	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/02/88-11/02/88	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/02/88-11/02/88	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/02/88-11/02/88	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/02/88-11/02/88	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/02/88-11/02/88	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/02/88-11/02/88	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/02/88-11/02/88	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/02/88-11/02/88	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/02/88-11/02/88	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/02/88-11/02/88	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/02/88-11/02/88	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/02/88-11/02/88	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/02/88-11/02/88	1	120.	120.	120.	120.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: YELL0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	11/02/88-11/02/88	1	16.	16.	16.	16.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	11/02/88-11/02/88	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/02/88-11/02/88	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/02/88-11/02/88	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0312

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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: YELL0313

NPS Station ID: YELL0313
LAT/LON: 44.878060/ 110.150838
Agency: 112WRD
Date Created: / /
Location: SODA BUTTE SP AT SODA BUTTE, YNP, WY
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06187940
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001158
RF1 Mile Point: 3.260
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001016200.00
RF3 Mile Point: 0.64
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/69-06/24/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	06/24/69-06/24/69	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/24/69-06/24/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/24/69-06/24/69	1	373.	373.	373.	373.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/24/69-06/24/69	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/24/69-06/24/69	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/69-06/24/69	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/24/69-06/24/69	1	196.	196.	196.	196.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/24/69-06/24/69	1	227.	227.	227.	227.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/24/69-06/24/69	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/24/69-06/24/69	1	197.	197.	197.	197.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/24/69-06/24/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/24/69-06/24/69	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/24/69-06/24/69	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/24/69-06/24/69	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/24/69-06/24/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/24/69-06/24/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/24/69-06/24/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/24/69-06/24/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/69-06/24/69	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/24/69-06/24/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/24/69-06/24/69	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/24/69-06/24/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/24/69-06/24/69	1	50000.	50000.	50000.	50000.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/24/69-06/24/69	1	224.	224.	224.	224.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/24/69-06/24/69	1	233.	233.	233.	233.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	06/24/69-06/24/69	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/24/69-06/24/69	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/24/69-06/24/69	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: YELL0313

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0314

NPS Station ID: YELL0314
LAT/LON: 44.882504/ 110.733892
Agency: 112WRD
Date Created: / /
Location: OBSIDIAN C NR MAMMOTH YNP,WY
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06189850
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001013
RF1 Mile Point: 0.140
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001000700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/70-09/18/70	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	09/18/70-09/18/70	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/18/70-09/18/70	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/70-09/18/70	1	193.	193.	193.	193.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/18/70-09/18/70	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/18/70-09/18/70	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/70-09/18/70	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/18/70-09/18/70	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/18/70-09/18/70	1	82.	82.	82.	82.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/18/70-09/18/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/70-09/18/70	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/18/70-09/18/70	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/70-09/18/70	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/70-09/18/70	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/18/70-09/18/70	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/18/70-09/18/70	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/18/70-09/18/70	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/70-09/18/70	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/70-09/18/70	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/70-09/18/70	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/70-09/18/70	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/70-09/18/70	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/18/70-09/18/70	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/18/70-09/18/70	1	150.	150.	150.	150.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/70-09/18/70	1	170.	170.	170.	170.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/70-09/18/70	1	130.	130.	130.	130.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	09/18/70-09/18/70	1	17.9	17.9	17.9	17.9	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/70-09/18/70	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/18/70-09/18/70	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: YELL0314

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0315

NPS Station ID: YELL0315
LAT/LON: 44.883503/ 110.718281
Agency: 11NPSYSP
Date Created: 07/07/90
Location: OBSIDIAN CREEK AT CONFLUENCE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100712000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 13.00
On/Off RF1:
RF3 Index: 10070001071400.00
RF3 Mile Point: 2.47
Distance from RF3: 0.21
On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)=10112.61 STREAM LENGTH (km)= 17.2 % GRADIENT= .99
HIGHEST ELEVATION (m)=2414.0 LOWEST ELEVATION (m)=2243.3 INTRODUCED BROOK TROUT PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0315

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: YELL0316

NPS Station ID: YELL0316
LAT/LON: 44.883587/ 110.733532
Agency: 11NPSYSP
Date Created: 07/07/90
Location: GARDNER RIVER AT OBSIDIAN CREEK
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100700000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 10070001008305.51
RF3 Mile Point: 7.76
Distance from RF3: 0.00
On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)=27282.00 STREAM LENGTH (km)= 20.6 % GRADIENT= 3.20
HIGHEST ELEVATION (m)=2901.7 LOWEST ELEVATION (m)=2243.3 INTRODUCED BROOK TROUT PRESENT.

Parameter Inventory for Station: YELL0316

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: YELL0317

NPS Station ID: YELL0317
LAT/LON: 44.883949/ 110.734532
Agency: 11NPSYSP
Date Created: 07/07/90
Location: INDIAN CREEK AT CONFLUENCE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100713000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 5.90
On/Off RF1:
RF3 Index: 10070001000502.70
RF3 Mile Point: 11.84
Distance from RF3: 0.64
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 4615.26 STREAM LENGTH (km)= 21.6 % GRADIENT= 2.14
HIGHEST ELEVATION (m)=2755.4 LOWEST ELEVATION (m)=2292.1 INTRODUCED BROOK TROUT PRESENT.

Parameter Inventory for Station: YELL0317

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: YELL0318

NPS Station ID: YELL0318
LAT/LON: 44.884365/ 110.383448
Agency: 11NPSYSP
Date Created: 07/07/90
Location: TOWER CREEK AT CONFLUENCE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103500000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.70
On/Off RF1:
RF3 Index: 10070001076900.00
RF3 Mile Point: 0.40
Distance from RF3: 0.11
On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)= 12189.3 STREAM LENGTH (km)=31.0 % GRADIENT= 2.29
HIGHEST ELEVATION (m)=2590.8 LOWEST ELEVATION (m)=1880.0 INTORDUCED BROOK AND RAINBOW TROUT.

Parameter Inventory for Station: YELL0318

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: YELL0319

NPS Station ID: YELL0319
LAT/LON: 44.884809/ 110.217866
Agency: 11NPSYSP
Date Created: 07/07/90
Location: ROSE CREEK ABOVE TRIPLE SPLIT
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103312000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 2.90
On/Off RF1:
RF3 Index: 10070001013100.00
RF3 Mile Point: 2.41
Distance from RF3: 0.26
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 2245.90 STREAM LENGTH (km)= 5.2 % GRADIENT= 17.23
HIGHEST ELEVATION (m)=2919.9 LOWEST ELEVATION (m)=2023.9 NATIVE CUTTHROAT, INTRODUCED RAINBOW TROUT

Parameter Inventory for Station: YELL0319

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: YELL0320

NPS Station ID: YELL0320
LAT/LON: 44.888892/ 110.762226
Agency: 112WRD
Date Created: / /
Location: INDIAN C DIV NR MAMMOTH YNP, WYO
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06189820
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001011
RF1 Mile Point: 0.640
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001001100.00
RF3 Mile Point: 0.77
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-08/14/68	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/14/68-08/14/68	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-08/14/68	1	164.	164.	164.	164.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/14/68-08/14/68	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/14/68-08/14/68	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-08/14/68	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/68-08/14/68	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/14/68-08/14/68	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/14/68-08/14/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/68-08/14/68	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/14/68-08/14/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/68-08/14/68	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/68-08/14/68	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/68-08/14/68	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/14/68-08/14/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/14/68-08/14/68	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/68-08/14/68	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/68-08/14/68	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/14/68-08/14/68	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/68-08/14/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/68-08/14/68	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/14/68-08/14/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/14/68-08/14/68	1	50.	50.	50.	50.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/14/68-08/14/68	1	98.	98.	98.	98.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/14/68-08/14/68	1	95.	95.	95.	95.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/14/68-08/14/68	1	6.09	6.09	6.09	6.09	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/14/68-08/14/68	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/14/68-08/14/68	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: YELL0320

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: YELL0320

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0321

NPS Station ID: YELL0321 LAT/LON: 44.893337/ 110.748892 Agency: 112WRD Date Created: / /
Location: GARDNER R AB DIV DAM NR MAMMOTH YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06189730
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001008 RF1 Mile Point: 0.350 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10070001086500.00 RF3 Mile Point: 4.88 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/68-10/21/70	8	3.5	5.125	12.5	0.	23.625	4.861	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/21/69-10/21/70	7	23.	62.	228.	13.	6004.	77.485	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/21/69-10/21/70	6	6.	6.833	13.	3.	16.167	4.021	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/68-10/21/70	7	255.	299.143	416.	196.	9451.476	97.219	**	**	**	**
00400	PH (STANDARD UNITS)	06/08/68-10/21/70	7	8.1	7.871	8.2	7.4	0.146	0.382	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/08/68-10/21/70	7	8.1	7.731	8.2	7.4	0.169	0.411	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/68-10/21/70	7	0.008	0.019	0.04	0.006	0.	0.015	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/68-10/21/70	7	98.	112.286	140.	92.	449.238	21.195	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/08/68-10/21/70	7	120.	137.	171.	112.	671.	25.904	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/08/68-10/21/70	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/08/68-10/21/70	7	128.	155.429	218.	102.	2792.619	52.845	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/08/68-10/21/70	7	30.	43.143	78.	7.	1017.81	31.903	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/68-10/21/70	7	35.	40.286	56.	27.	157.571	12.553	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/68-10/21/70	7	11.	13.243	19.	6.6	27.626	5.256	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/68-10/21/70	7	2.1	2.686	4.3	1.8	1.001	1.001	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/08/68-10/21/70	7	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/08/68-10/21/70	7	3.	3.429	4.	3.	0.286	0.535	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/68-10/21/70	7	0.8	0.7	1.4	0.3	0.16	0.4	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/08/68-10/21/70	7	0.5	0.586	1.	0.3	0.085	0.291	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/08/68-10/21/70	7	33.	47.	83.	13.	966.333	31.086	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/08/68-10/21/70	7	0.2	0.229	0.4	0.1	0.009	0.095	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/68-10/21/70	7	5.7	6.157	9.9	4.7	2.913	1.707	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/08/68-10/21/70	7	0.	4.286	20.	0.	61.905	7.868	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/08/68-10/21/70	7	100.	105.714	250.	20.	5528.571	74.354	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/08/68-10/21/70	7	144.	187.143	276.	132.	4286.476	65.471	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/08/68-10/21/70	7	145.	178.714	259.	116.	4039.571	63.558	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/21/69-10/21/70	6	17.65	28.615	81.3	9.69	724.085	26.909	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/08/68-10/21/70	7	0.2	0.256	0.38	0.18	0.008	0.09	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/68-10/21/70	7	0.1	0.1	0.3	0.	0.013	0.115	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/21/69-10/21/70	6	8.	16.667	66.	2.	614.267	24.784	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/21/69-10/21/70	6	1.095	7.712	41.	0.07	267.329	16.35	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0321

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00

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

Station Inventory for Station: YELL0322

NPS Station ID: YELL0322 LAT/LON: 44.893337/ 110.766670 Agency: 112WRD Date Created: / /
Location: PANTHER C AB DIV DAM NR MAMMOTH YNP, WY FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06189750
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001011 RF1 Mile Point: 0.780 Distance from RF1: 6.30 On/Off RF1: OFF
RF3 Index: 10070001020800.00 RF3 Mile Point: 2.01 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-08/14/68	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/14/68-08/14/68	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/68-08/14/68	1	267.	267.	267.	267.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/14/68-08/14/68	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/14/68-08/14/68	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/68-08/14/68	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/68-08/14/68	1	145.	145.	145.	145.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/14/68-08/14/68	1	177.	177.	177.	177.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/14/68-08/14/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/68-08/14/68	1	145.	145.	145.	145.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/14/68-08/14/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/68-08/14/68	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/68-08/14/68	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/68-08/14/68	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/14/68-08/14/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/14/68-08/14/68	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/68-08/14/68	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/68-08/14/68	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/14/68-08/14/68	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/68-08/14/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/68-08/14/68	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/14/68-08/14/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/14/68-08/14/68	1	60.	60.	60.	60.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/14/68-08/14/68	1	148.	148.	148.	148.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/14/68-08/14/68	1	152.	152.	152.	152.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/14/68-08/14/68	1	4.	4.	4.	4.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/14/68-08/14/68	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/14/68-08/14/68	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: YELL0322

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: YELL0322

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0323

NPS Station ID: YELL0323 LAT/LON: 44.900087/ 110.217476 Agency: 11NPSYSP Date Created: 07/07/90
Location: ROSE CREEK 1 KM UPSTREAM FROM LAMAR STATION FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 103312000000002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 5.10 On/Off RF1:
RF3 Index: 10070001013400.17 RF3 Mile Point: 3.52 Distance from RF3: 0.25 On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1177.63 STREAM LENGTH (km)= 6.6 % GRADIENT= 12.91
HIGHEST ELEVATION (m)=2901.7 LOWEST ELEVATION (m)=2049.8 N-CUTTHROAT TROUT I-RAINBOW TROUT

Parameter Inventory for Station: YELL0323

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: YELL0324

NPS Station ID: YELL0324
LAT/LON: 44.900253/ 110.116699
Agency: 11NPSYSP
Date Created: 07/07/90
Location: SODA BUTTE CREEK AT ROUND PRAIRIE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103317000000006
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 9.30
On/Off RF1:
RF3 Index: 10070001079500.00
RF3 Mile Point: 0.78
Distance from RF3: 1.29
On/Off RF3:
Description:
314134.95 23.6 1.06
23472096.2 I-CUTTHROAT RAINBOW HYBRID

Parameter Inventory for Station: YELL0324

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: YELL0325

NPS Station ID: YELL0325 LAT/LON: 44.901088/ 110.417977 Agency: 11NPSYSP Date Created: 05/24/86
Location: LOST L. 1MILE W. OF TOWER RANGER STATION N.YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 102800000000052
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 39 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10070001002500.00 RF3 Mile Point: 0.04 Distance from RF3: 0.50 On/Off RF3:
Description:
ELEVATION (m)= 2033 CAPACITY (m cubed)= 130751 DRAINAGE AREA (ha)= 388.5 SURFACE AREA (ha)= 2.42
AVERAGE DEPTH (m)= 5.5 MAX DEPTH (m)= 12.5 0 FISH; UNOFFICIAL STOCKING HAS TAKEN PLACE, BUT DUE TO UNRELIABLE SPAWN
ING HABITAT IT HAS RETURNED TO IT'S ORIGINAL FISHLESS STATE.

Parameter Inventory for Station: YELL0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/74-07/12/74	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/12/74-07/12/74	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/12/74-07/12/74	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/12/74-07/12/74	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/12/74-07/12/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/74-07/12/74	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/12/74-07/12/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/12/74-07/12/74	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/12/74-07/12/74	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/74-07/12/74	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/12/74-07/12/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/12/74-07/12/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/12/74-07/12/74	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/12/74-07/12/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/12/74-07/12/74	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/12/74-07/12/74	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/12/74-07/12/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/12/74-07/12/74	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/12/74-07/12/74	1	0.86	0.86	0.86	0.86	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/74-07/12/74	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/74-07/12/74	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/74-07/12/74	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/74-07/12/74	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/12/74-07/12/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	07/12/74-07/12/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/12/74-07/12/74	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/12/74-07/12/74	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/12/74-07/12/74	1	0.72	0.72	0.72	0.72	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/12/74-07/12/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/12/74-07/12/74	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/12/74-07/12/74	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/12/74-07/12/74	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/12/74-07/12/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/12/74-07/12/74	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/12/74-07/12/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/12/74-07/12/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/12/74-07/12/74	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: YELL0325

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00							1	0	0.00			
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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0326

NPS Station ID: YELL0326 LAT/LON: 44.901254/ 110.583559 Agency: 11NPSYSP Date Created: 07/07/90
Location: BLACKTAIL DEER CREEK,LEFT FORK,END OF SERVICE RD FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 101700000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 1.20 On/Off RF1:
RF3 Index: 10070001016000.00 RF3 Mile Point: 0.29 Distance from RF3: 0.24 On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 1588.8 STREAM LENGTH (km)= 6.3 % GRADIENT= 5.23
HIGHEST ELEVATION (m)=2560.2 LOWEST ELEVATION (m)=2231.1 I-BROOK TROUT

Parameter Inventory for Station: YELL0326

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: YELL0327

NPS Station ID: YELL0327
LAT/LON: 44.901392/ 110.317198
Agency: 11NPSYSP
Date Created: 07/07/90
Location: CRYSTAL CR. AT CONFLUENCE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103303000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 5.80
On/Off RF1:
RF3 Index: 10070001025600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.44
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1598.45 STREAM LENGTH (km)= 4.15 % GRADIENT= 14.13
HIGHEST ELEVATION (m)=2467.4 LOWEST ELEVATION (m)=1880.6

Parameter Inventory for Station: YELL0327

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: YELL0328

NPS Station ID: YELL0328 LAT/LON: 44.901615/ 110.551531 Agency: 11NPSYSP Date Created: 07/07/90
Location: BLACKTAIL DEER CREEK, RIGHT FORK 2.2 KM UPSTREAM FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 101705000000002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 4.80 On/Off RF1:
RF3 Index: 10070001002303.46 RF3 Mile Point: 5.24 Distance from RF3: 0.37 On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 1037.9 STREAM LENGTH (km)= 5 % GRADIENT= 9.5
HIGHEST ELEVATION (m)=2694.4 LOWEST ELEVATION (m)=2218.9 I-BROOK TROUT

Parameter Inventory for Station: YELL0328

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: YELL0329

NPS Station ID: YELL0329
LAT/LON: 44.911948/ 110.417504
Agency: 112WRD
Date Created: / /
Location: LOST C NR TOWER JCT YNP,WY
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06188110
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10070001016400.00
RF3 Mile Point: 0.31
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/17/69-07/17/69	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/17/69-07/17/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/69-07/17/69	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/69-07/17/69	1	89.	89.	89.	89.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/17/69-07/17/69	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/17/69-07/17/69	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/17/69-07/17/69	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/69-07/17/69	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/17/69-07/17/69	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/17/69-07/17/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/69-07/17/69	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/17/69-07/17/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/17/69-07/17/69	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/17/69-07/17/69	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/17/69-07/17/69	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/17/69-07/17/69	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/17/69-07/17/69	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/17/69-07/17/69	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/69-07/17/69	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/69-07/17/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/69-07/17/69	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/17/69-07/17/69	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/17/69-07/17/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/17/69-07/17/69	1	110.	110.	110.	110.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/17/69-07/17/69	1	64.	64.	64.	64.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/17/69-07/17/69	1	77.	77.	77.	77.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/17/69-07/17/69	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/17/69-07/17/69	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/17/69-07/17/69	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: YELL0329

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0330

NPS Station ID: YELL0330 LAT/LON: 44.915282/ 111.023893 Agency: 112WRD Date Created: / /
Location: UNNAMED TR TO GALLATIN R. NR DIVIDE LK, YNP, FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06042910
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020008045 RF1 Mile Point: 3.510 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10020008004503.26 RF3 Mile Point: 6.15 Distance from RF3: 0.11 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/69-08/21/69	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/21/69-08/21/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/21/69-08/21/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/69-08/21/69	1	256.	256.	256.	256.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/21/69-08/21/69	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/21/69-08/21/69	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/69-08/21/69	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/69-08/21/69	1	137.	137.	137.	137.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/21/69-08/21/69	1	167.	167.	167.	167.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/21/69-08/21/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/69-08/21/69	1	137.	137.	137.	137.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/21/69-08/21/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/69-08/21/69	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/69-08/21/69	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/69-08/21/69	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/21/69-08/21/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/21/69-08/21/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/69-08/21/69	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/69-08/21/69	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/69-08/21/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/69-08/21/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/69-08/21/69	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/21/69-08/21/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/69-08/21/69	1	158.	158.	158.	158.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/21/69-08/21/69	1	158.	158.	158.	158.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/21/69-08/21/69	1	0.68	0.68	0.68	0.68	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/21/69-08/21/69	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/21/69-08/21/69	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: YELL0330

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0330

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0331

NPS Station ID: YELL0331 LAT/LON: 44.916392/ 110.418893 Agency: 112WRD Date Created: / /
Location: LOST CR NR TOWER JUNCTION RANGER STATION YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06188130
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10020008003902.81 RF3 Mile Point: 3.84 Distance from RF3: 0.08 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/21/68-05/21/68	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/21/68-05/21/68	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/21/68-05/21/68	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/21/68-05/21/68	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/21/68-05/21/68	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/21/68-05/21/68	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/21/68-05/21/68	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/21/68-05/21/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/21/68-05/21/68	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/21/68-05/21/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/21/68-05/21/68	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/21/68-05/21/68	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/21/68-05/21/68	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/21/68-05/21/68	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/21/68-05/21/68	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/21/68-05/21/68	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/21/68-05/21/68	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/21/68-05/21/68	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/21/68-05/21/68	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/21/68-05/21/68	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/21/68-05/21/68	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/21/68-05/21/68	1	190.	190.	190.	190.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/21/68-05/21/68	1	86.	86.	86.	86.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/21/68-05/21/68	1	69.	69.	69.	69.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/21/68-05/21/68	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/21/68-05/21/68	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: YELL0331

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						

& - 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: YELL0331

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: YELL0332

NPS Station ID: YELL0332
LAT/LON: 44.916782/ 110.101420
Agency: 11NPSYSP
Date Created: 07/07/90
Location: PEBBLE CREEK AT CAMPGROUND
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103317130000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 10070001016100.00
RF3 Mile Point: 0.76
Distance from RF3: 0.06
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 6260.00 STREAM LENGTH (km)= 21.6 % GRADIENT= 3.60
HIGHEST ELEVATION (m)=2849.8 LOWEST ELEVATION (m)=2071.1 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0332

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: YELL0333

NPS Station ID: YELL0333
LAT/LON: 44.916948/ 110.334616
Agency: 11NPSYSP
Date Created: 07/07/90
Location: SLOUGH CREEK .4 KM FROM MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103302000000036
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.80
On/Off RF1:
RF3 Index: 10070001014000.00
RF3 Mile Point: 4.35
Distance from RF3: 0.12
On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)= 56941 STREAM LENGTH (km)= 68.4 % GRADIENT= 1.61
HIGHEST ELEVATION (m)= 2972 LOWEST ELEVATION (m)=1871.5 INTRODUCED HYBRED CUTTHROAT CROSSED WITH RAINBOW TROUT

Parameter Inventory for Station: YELL0333

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: YELL0334

NPS Station ID: YELL0334 LAT/LON: 44.917031/ 110.083892 Agency: 11NPSYSP Date Created: 07/07/90
Location: BLACKTAIL DEER CREEK,LEFT FORK,END OF SERVICE RD FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 10170000000000X
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 13.90 On/Off RF1:
RF3 Index: 10070001000902.72 RF3 Mile Point: 3.22 Distance from RF3: 0.87 On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 1588.8 STREAM LENGTH (km)= 6.3 % GRADIENT= 5.23
HIGHEST ELEVATION (m)=2560.2 LOWEST ELEVATION (m)=2231.1 I-BROOK TROUT

Parameter Inventory for Station: YELL0334

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: YELL0335

NPS Station ID: YELL0335
LAT/LON: 44.917031/ 110.083892
Agency: 11NPSYSP
Date Created: 07/07/90
Location: AMPHITHEATER CREEK
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103317140000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.30
On/Off RF1:
RF3 Index: 10070001015900.00
RF3 Mile Point: 0.60
Distance from RF3: 0.03
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2693.3 STREAM LENGTH (km)= 9.9 % GRADIENT= 7.2
HIGHEST ELEVATION (m)= 2804 LOWEST ELEVATION (m)= 2094 I-CUTTHROAT RAINBOW HYBRID

Parameter Inventory for Station: YELL0335

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: YELL0336

NPS Station ID: YELL0336 LAT/LON: 44.917059/ 110.084392 Agency: 11NPSYSP Date Created: 07/07/90
Location: SODA BUTTE CREEK AT FOOT OF ICE BOX CANYON FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 103317000000003
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 1.70 On/Off RF1:
RF3 Index: 10070001015801.42 RF3 Mile Point: 1.41 Distance from RF3: 0.07 On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 7613.98 STREAM LENGTH (km)= 9.7 % GRADIENT= 1.32
HIGHEST ELEVATION (m)= 2347 LOWEST ELEVATION (m)= 2219 INTRODUCED CUTTHROAT x RAINBOW HYBRID

Parameter Inventory for Station: YELL0336

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: YELL0337

NPS Station ID: YELL0337 LAT/LON: 44.917115/ 110.733392 Agency: 11NPSYSP Date Created: 05/24/86
Location: SWAN L. 8KM S.OF MAMMOTH ON NOR. RD E.OF QUADRAN FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100700000000070
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10070001071400.00 RF3 Mile Point: 1.90 Distance from RF3: 0.59 On/Off RF3:
Description:
ELEVATION (m)= 2215 CAPACITY (m cubed)= 49346 DRAINAGE AREA (ha)= 202.4 SURFACE AREA (ha)= 16.2
AVERAGE DEPTH (m)= .3 MAX DEPTH (m)= .9 0 FISH; BROOK TROUT WERE STOCKED IN 1905, TOO SHALLOW TO OVERWINTER SOI
T HAS RETURNED TO ORIGINAL FISHLESS STATE.

Parameter Inventory for Station: YELL0337

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/75-08/06/75	1	19.7	19.7	19.7	19.7	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/06/75-08/06/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/06/75-08/06/75	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/06/75-08/06/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/06/75-08/06/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/06/75-08/06/75	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/06/75-08/06/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/75-08/06/75	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/75-08/06/75	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/75-08/06/75	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/06/75-08/06/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/06/75-08/06/75	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/06/75-08/06/75	1	88.	88.	88.	88.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/06/75-08/06/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/06/75-08/06/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/06/75-08/06/75	1	107.	107.	107.	107.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/06/75-08/06/75	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/06/75-08/06/75	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/75-08/06/75	1	0.988	0.988	0.988	0.988	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/75-08/06/75	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/06/75-08/06/75	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/06/75-08/06/75	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/06/75-08/06/75	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/06/75-08/06/75	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/06/75-08/06/75	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/06/75-08/06/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/06/75-08/06/75	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/06/75-08/06/75	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/75-08/06/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/06/75-08/06/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/06/75-08/06/75	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

Parameter Inventory for Station: YELL0337

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/06/75-08/06/75	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/06/75-08/06/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/06/75-08/06/75	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/75-08/06/75	1	0.093	0.093	0.093	0.093	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/06/75-08/06/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/06/75-08/06/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/06/75-08/06/75	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: YELL0337

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00							1	0	0.00			
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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0338

NPS Station ID: YELL0338 LAT/LON: 44.917226/ 110.994171 Agency: 112WRD Date Created: / /
Location: UNNMED SP AT B H PASS TR NR DIVIDE LK, YNP, W FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06042900
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020008045 RF1 Mile Point: 5.280 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10020008004503.26 RF3 Mile Point: 6.20 Distance from RF3: 0.13 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/69-08/21/69	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/21/69-08/21/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/21/69-08/21/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/69-08/21/69	1	256.	256.	256.	256.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/21/69-08/21/69	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/21/69-08/21/69	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/69-08/21/69	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/69-08/21/69	1	138.	138.	138.	138.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/21/69-08/21/69	1	168.	168.	168.	168.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/21/69-08/21/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/69-08/21/69	1	133.	133.	133.	133.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/21/69-08/21/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/69-08/21/69	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/69-08/21/69	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/69-08/21/69	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/21/69-08/21/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/21/69-08/21/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/69-08/21/69	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/69-08/21/69	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/69-08/21/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/69-08/21/69	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/69-08/21/69	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/21/69-08/21/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/69-08/21/69	1	158.	158.	158.	158.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/21/69-08/21/69	1	158.	158.	158.	158.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/21/69-08/21/69	1	0.77	0.77	0.77	0.77	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/21/69-08/21/69	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/21/69-08/21/69	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: YELL0338

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0338

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0339

NPS Station ID: YELL0339
LAT/LON: 44.917587/ 111.033809
Agency: 11NPSYSP
Date Created: 07/07/90
Location: GALLATIN RIVER AT BIGHORN TRAILHEAD
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 500000000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 10020007163700.00
RF3 Mile Point: 0.73
Distance from RF3: 0.20
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 6269.19 STREAM LENGTH (km)= 18.34 % GRADIENT= 5.58
HIGHEST ELEVATION (m)=2706.6 LOWEST ELEVATION (m)=2194.6 NATIVE CUTTHROAT TROUT AND MOUNTAIN WHITEFISH, AND INTRODUCED BROWN TROUT AND CUTTHROAT X RAINBOW TROUT HYBRID PRESENT.

Parameter Inventory for Station: YELL0339

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: YELL0340

NPS Station ID: YELL0340
LAT/LON: 44.917892/ 110.400171
Agency: 11NPSYSP
Date Created: 07/07/90
Location: LAMAR RIVER AT MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103300000000003
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 10070001015300.00
RF3 Mile Point: 0.28
Distance from RF3: 0.25
On/Off RF3:
Description:
STREAM ORDER= 5 WATERSHED SIZE (ha)=173377.4 STREAM LENGTH (km)= 58.0 % GRADIENT= 1.85
HIGHEST ELEVATION (m)=2901.7 LOWEST ELEVATION (m)=1828.8 INTRODUCED CUTTHROAT X RAINBOW TROUT HYBRID PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0340

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: YELL0341

NPS Station ID: YELL0341 LAT/LON: 44.918031/ 110.884865 Agency: 11NPSYSP Date Created: 05/24/86
Location: FAWN "PASS" L.IN FAWN PASS SADDLE IN YNP GALLATI FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100700000000087
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 6 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10070001001000.00 RF3 Mile Point: 2.97 Distance from RF3: 0.03 On/Off RF3:
Description:
ELEVATION (m)= 2792 CAPACITY (m cubed)= 11103 DRAINAGE AREA (ha)= 48.6 SURFACE AREA (ha)= .8
AVERAGE DEPTH (m)= 1.5 MAX DEPTH (m)= 2.7 0 FISH; NO OFFICIAL STOCKING BARRIERS PREVENT MIGRATION UP FAWN CREEK.

Parameter Inventory for Station: YELL0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/74-09/15/74	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/15/74-09/15/74	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/15/74-09/15/74	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/15/74-09/15/74	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/15/74-09/15/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/15/74-09/15/74	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/15/74-09/15/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/74-09/15/74	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/74-09/15/74	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/74-09/15/74	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/15/74-09/15/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/15/74-09/15/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/15/74-09/15/74	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/15/74-09/15/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/15/74-09/15/74	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/15/74-09/15/74	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/15/74-09/15/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/15/74-09/15/74	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/15/74-09/15/74	1	1.37	1.37	1.37	1.37	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/15/74-09/15/74	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/15/74-09/15/74	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/15/74-09/15/74	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/74-09/15/74	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/15/74-09/15/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	09/15/74-09/15/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/15/74-09/15/74	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/15/74-09/15/74	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/15/74-09/15/74	1	0.92	0.92	0.92	0.92	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/15/74-09/15/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/15/74-09/15/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/15/74-09/15/74	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/15/74-09/15/74	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/15/74-09/15/74	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 time series plot

Parameter Inventory for Station: YELL0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/15/74-09/15/74	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/15/74-09/15/74	1	0.186	0.186	0.186	0.186	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/15/74-09/15/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/15/74-09/15/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/15/74-09/15/74	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: YELL0341

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	1	1.00										1	1	1.00
		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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0342

NPS Station ID: YELL0342
LAT/LON: 44.918615/ 110.111671
Agency: 112WRD
Date Created: / /
Location: PEBBLE C NR TOWER JCT YNP, WY
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06187920
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001162
RF1 Mile Point: 0.960
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001015500.00
RF3 Mile Point: 0.44
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0342

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/69-10/20/70	7	3.	4.143	10.5	0.	18.726	4.327	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/20/69-10/20/70	7	10.	50.571	209.	6.	5397.952	73.471	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/20/69-10/20/70	6	4.	5.5	10.	4.	6.3	2.51	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/69-10/20/70	7	185.	169.714	201.	125.	829.905	28.808	**	**	**	**
00400	PH (STANDARD UNITS)	05/20/69-10/20/70	7	7.6	7.6	8.1	7.1	0.15	0.387	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/20/69-10/20/70	7	7.6	7.463	8.1	7.1	0.172	0.415	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/69-10/20/70	7	0.025	0.034	0.079	0.008	0.001	0.028	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/20/69-10/20/70	7	94.	87.714	104.	64.	242.238	15.564	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/20/69-10/20/70	7	115.	106.857	127.	78.	360.476	18.986	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/20/69-10/20/70	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/20/69-10/20/70	7	96.	87.571	106.	62.	278.619	16.692	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/20/69-10/20/70	7	0.	0.857	4.	0.	2.476	1.574	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/20/69-10/20/70	7	24.	21.429	25.	16.	15.619	3.952	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/20/69-10/20/70	7	8.5	8.214	11.	5.4	3.178	1.783	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/20/69-10/20/70	7	2.	1.914	2.1	1.7	0.025	0.157	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/20/69-10/20/70	7	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/20/69-10/20/70	7	4.	4.571	6.	4.	0.619	0.787	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/20/69-10/20/70	7	1.2	1.171	1.5	0.7	0.069	0.263	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/69-10/20/70	7	0.3	0.614	2.	0.2	0.418	0.647	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/69-10/20/70	7	3.	2.971	5.	0.8	1.806	1.344	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/20/69-10/20/70	7	0.1	0.071	0.1	0.	0.002	0.049	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/20/69-10/20/70	7	18.	19.	24.	17.	6.	2.449	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/20/69-10/20/70	7	0.	4.286	30.	0.	128.571	11.339	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/20/69-10/20/70	7	80.	81.429	140.	30.	1580.952	39.761	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/20/69-10/20/70	7	108.	106.857	128.	82.	267.81	16.365	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/20/69-10/20/70	7	115.	107.714	130.	80.	323.905	17.997	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/20/69-10/20/70	7	3.29	12.273	46.3	1.94	256.556	16.017	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/20/69-10/20/70	7	0.15	0.144	0.17	0.11	0.001	0.023	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/20/69-10/20/70	7	0.1	0.1	0.2	0.	0.007	0.082	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0342

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00

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

Station Inventory for Station: YELL0343

NPS Station ID: YELL0343 LAT/LON: 44.918892/ 111.055559 Agency: 21MTHDWQ Date Created: 10/12/85
Location: HEBGEN LAKE BELOW S. FORK OF MADISON R. FIPS State/County: 30031 MONTANA/GALLATIN
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 1840HE01
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: N CENT MISS FR MILK TO SPR CRK ECO Region:
RF1 Index: 10020008045 RF1 Mile Point: 2.140 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10020007021800.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:
HEBGEN LAKE STUDY PROFILE DATA RECORDED

Parameter Inventory for Station: YELL0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/16/76-03/16/76	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/16/76-03/16/76	1	124.	124.	124.	124.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/16/76-03/16/76	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/16/76-03/16/76	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/16/76-03/16/76	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/16/76-03/16/76	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/16/76-03/16/76	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/16/76-03/16/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/16/76-03/16/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/16/76-03/16/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/16/76-03/16/76	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/16/76-03/16/76	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/16/76-03/16/76	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/16/76-03/16/76	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/16/76-03/16/76	1	11.3	11.3	11.3	11.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/16/76-03/16/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/16/76-03/16/76	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/16/76-03/16/76	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/16/76-03/16/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/16/76-03/16/76	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.5								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/16/76-03/16/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/16/76-03/16/76	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/16/76-03/16/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/16/76-03/16/76	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			0.5								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/16/76-03/16/76	1	80.	80.	80.	80.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/16/76-03/16/76	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

EPA Water Quality Criteria Analysis for Station: YELL0343

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: YELL0344

NPS Station ID: YELL0344 LAT/LON: 44.919170/ 110.972227 Agency: 112WRD Date Created: / /
Location: UNNMED SP NR CROWFOOT RIDGE, YNP, WYO FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06042890
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020008045 RF1 Mile Point: 6.570 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10070001071400.00 RF3 Mile Point: 2.68 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/69-08/21/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/21/69-08/21/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/21/69-08/21/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/69-08/21/69	1	246.	246.	246.	246.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/21/69-08/21/69	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/21/69-08/21/69	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/69-08/21/69	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/69-08/21/69	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/21/69-08/21/69	1	152.	152.	152.	152.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/21/69-08/21/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/69-08/21/69	1	132.	132.	132.	132.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/21/69-08/21/69	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/69-08/21/69	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/69-08/21/69	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/69-08/21/69	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/21/69-08/21/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/21/69-08/21/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/69-08/21/69	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/69-08/21/69	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/69-08/21/69	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/69-08/21/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/69-08/21/69	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/21/69-08/21/69	1	90.	90.	90.	90.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/69-08/21/69	1	138.	138.	138.	138.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/21/69-08/21/69	1	138.	138.	138.	138.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/21/69-08/21/69	1	3.73	3.73	3.73	3.73	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/21/69-08/21/69	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/21/69-08/21/69	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: YELL0344

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0344

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0345

NPS Station ID: YELL0345 LAT/LON: 44.920281/ 110.403893 Agency: 112WRD Date Created: 05/19/84
Location: YELLOWSTONE RIVER AT TOWER JUNCTION YNP FIPS State/County: 56039 WYOMING/TETON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06187550
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001028 RF1 Mile Point: 0.250 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 17040203002000.00 RF3 Mile Point: 5.19 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0345

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/13/83-04/30/86	25	7.5	7.64	19.	0.5	21.886	4.678	2.	3.75	9.75	15.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/02/83-04/30/86	20	1095.	1885.7	6160.	685.	2301781.589	1517.162	733.1	833.5	2727.5	4406.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/13/83-04/30/86	26	176.5	172.308	270.	108.	1848.622	42.996	111.4	128.	208.5	220.6
00940	CHLORIDE,TOTAL IN WATER MG/L	03/01/84-10/03/84	5	10.	10.2	15.	5.	18.7	4.324	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/03/84-10/03/84	1	110.	110.	110.	110.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0345

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	2	0	0.00	1	0	0.00				2	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

Station Inventory for Station: YELL0346

NPS Station ID: YELL0346 LAT/LON: 44.927504/ 111.045282 Agency: 112WRD Date Created: / /
Location: GALLATIN R NR WYO-MONT STATE L YNP WY FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06042920
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020008045 RF1 Mile Point: 2.040 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10020008004501.17 RF3 Mile Point: 6.28 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0346

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/69-10/21/70	7	7.5	7.643	14.	2.	21.643	4.652	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/22/69-10/21/70	7	47.	71.	162.	30.	2300.667	47.965	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/22/69-10/21/70	7	6.	5.286	8.	2.	5.238	2.289	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/69-10/21/70	7	396.	376.857	424.	318.	1803.476	42.467	**	**	**	**
00400	PH (STANDARD UNITS)	05/22/69-10/21/70	7	8.2	7.943	8.2	7.4	0.143	0.378	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/22/69-10/21/70	7	8.2	7.785	8.2	7.4	0.172	0.415	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/69-10/21/70	7	0.006	0.016	0.04	0.006	0.	0.016	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/22/69-10/21/70	7	133.	132.857	137.	130.	7.143	2.673	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/22/69-10/21/70	7	162.	161.857	167.	158.	9.81	3.132	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/22/69-10/21/70	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/22/69-10/21/70	7	219.	203.857	227.	168.	607.143	24.64	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/22/69-10/21/70	7	85.	71.	96.	31.	633.667	25.173	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/22/69-10/21/70	7	55.	51.857	58.	43.	40.476	6.362	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/22/69-10/21/70	7	19.	18.	20.	13.	7.	2.646	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/22/69-10/21/70	7	1.3	1.314	1.7	1.1	0.038	0.195	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/22/69-10/21/70	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/22/69-10/21/70	7	1.	1.286	2.	1.	0.238	0.488	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/22/69-10/21/70	7	0.7	0.786	1.5	0.2	0.245	0.495	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/22/69-10/21/70	7	0.4	0.7	2.	0.4	0.363	0.603	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/22/69-10/21/70	7	78.	68.714	93.	32.	580.571	24.095	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/22/69-10/21/70	7	0.3	0.271	0.5	0.1	0.016	0.125	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/22/69-10/21/70	7	6.1	6.114	7.8	4.4	0.978	0.989	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/22/69-10/21/70	7	0.	1.429	10.	0.	14.286	3.78	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/22/69-10/21/70	7	90.	95.714	230.	20.	5295.238	72.768	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/22/69-07/22/70	6	235.	235.333	268.	196.	964.267	31.053	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/69-10/21/70	7	242.	227.286	260.	181.	1086.571	32.963	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/69-10/21/70	7	32.2	42.543	85.7	21.5	538.233	23.2	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/22/69-10/21/70	7	0.34	0.323	0.36	0.27	0.001	0.038	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/69-10/21/70	7	0.1	0.057	0.1	0.	0.003	0.053	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0346

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00

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

Station Inventory for Station: YELL0347

NPS Station ID: YELL0347 LAT/LON: 44.927781/ 110.393059 Agency: 112WRD Date Created: / /
Location: LAMAR RIVER NR TOWER FALLS RANGER STATION, YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06188000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 9.50 On/Off RF1:
RF3 Index: 10070001024400.00 RF3 Mile Point: 0.00 Distance from RF3: 0.41 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0347

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/12/70-07/30/92	61	5.	6.148	17.	0.	26.011	5.1	0.	2.	10.	14.4
00060	FLOW, STREAM, MEAN DAILY CFS	05/12/70-10/20/70	3	425.	516.333	904.	220.	123220.333	351.028	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/08/85-09/10/92	59	608.	1644.305	8120.	72.	4625916.423	2150.794	106.	167.	2540.	5470.
00065	STAGE, STREAM (FEET)	10/03/90-09/10/92	17	2.21	3.085	7.52	0.	5.065	2.251	1.032	1.43	5.155	6.856
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/05/88-11/02/88	2	1.2	1.2	1.6	0.8	0.32	0.566	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/12/70-10/20/70	3	15.	16.667	25.	10.	58.333	7.638	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/70-09/10/92	58	168.5	159.672	255.	69.	3173.101	56.33	78.7	104.5	208.5	231.4
00300	OXYGEN, DISSOLVED MG/L	10/05/88-11/02/88	2	9.95	9.95	10.3	9.6	0.245	0.495	**	**	**	**
00400	PH (STANDARD UNITS)	05/12/70-11/02/88	5	7.8	7.72	8.	7.2	0.112	0.335	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/12/70-11/02/88	5	7.8	7.605	8.	7.2	0.128	0.358	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/12/70-11/02/88	5	0.016	0.025	0.063	0.01	0.	0.022	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/05/88-11/02/88	2	8.1	8.1	8.2	8.	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/05/88-11/02/88	2	8.089	8.089	8.2	8.	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/88-11/02/88	2	0.008	0.008	0.01	0.006	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/12/70-11/02/88	5	86.	89.2	112.	54.	544.7	23.339	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	10/05/88-11/02/88	2	109.5	109.5	112.	107.	12.5	3.536	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/12/70-10/20/70	3	104.	91.667	105.	66.	494.333	22.234	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/12/70-10/20/70	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	10/05/88-11/02/88	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	10/05/88-11/02/88	2	134.	134.	137.	131.	18.	4.243	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/05/88-11/02/88	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/05/88-11/02/88	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/05/88-11/02/88	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/05/88-11/02/88	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/05/88-11/02/88	2 ##	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/05/88-11/02/88	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/05/88-11/02/88	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/05/88-11/02/88	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/88-11/02/88	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/05/88-11/02/88	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/05/88-11/02/88	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/05/88-11/02/88	2	1.9	1.9	2.1	1.7	0.08	0.283	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/05/88-11/02/88	2	1.4	1.4	1.6	1.2	0.08	0.283	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/12/70-10/20/70	3	75.	66.667	79.	46.	324.333	18.009	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/12/70-10/20/70	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/12/70-11/02/88	5	20.	19.8	25.	12.	24.7	4.97	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/12/70-11/02/88	5	7.	7.24	9.6	4.	4.793	2.189	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/12/70-11/02/88	5	8.5	8.68	11.	5.	6.237	2.497	**	**	**	**

** - Less than 9 observations ## - 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: YELL0347

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00931	SODIUM ADSORPTION RATIO	05/12/70-10/20/70	3	0.4	0.367	0.4	0.3	0.003	0.058	**	**	**	**
00932	SODIUM, PERCENT	05/12/70-10/20/70	3	19.	18.667	19.	18.	0.333	0.577	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/12/70-11/02/88	5	1.7	1.5	1.8	0.9	0.135	0.367	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/12/70-11/02/88	5	1.	1.06	2.	0.5	0.318	0.564	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/12/70-11/02/88	5	10.	9.2	12.	5.	7.7	2.775	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/12/70-11/02/88	5	0.2	0.16	0.2	0.1	0.003	0.055	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/12/70-11/02/88	5	18.	18.2	20.	17.	1.7	1.304	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/12/70-11/02/88	5	60.	64.	110.	10.	1730.	41.593	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/12/70-10/20/70	3	100.	100.	120.	80.	400.	20.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/05/88-11/02/88	2	14.5	14.5	20.	9.	60.5	7.778	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/12/70-10/20/70	3	108.	96.667	112.	70.	537.333	23.18	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/12/70-10/20/70	3	114.	103.	119.	76.	553.	23.516	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/12/70-10/20/70	3	129.	121.4	171.	64.2	2894.88	53.804	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/12/70-10/20/70	3	0.15	0.133	0.15	0.1	0.001	0.029	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/08/85-09/10/92	41	71.	70.951	100.	25.	371.698	19.279	50.	53.5	89.5	94.
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	05/23/85-05/23/85	1	70.	70.	70.	70.	0.	0.	**	**	**	**
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	05/23/85-05/23/85	1	79.	79.	79.	79.	0.	0.	**	**	**	**
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	05/23/85-05/23/85	1	89.	89.	89.	89.	0.	0.	**	**	**	**
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	05/23/85-05/23/85	1	99.	99.	99.	99.	0.	0.	**	**	**	**
70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	05/23/85-05/23/85	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/05/88-11/02/88	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/12/70-10/20/70	3	0.	0.	0.	0.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/08/85-09/10/92	44	14.5	122.25	895.	2.	40456.936	201.139	3.5	6.	183.5	386.

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

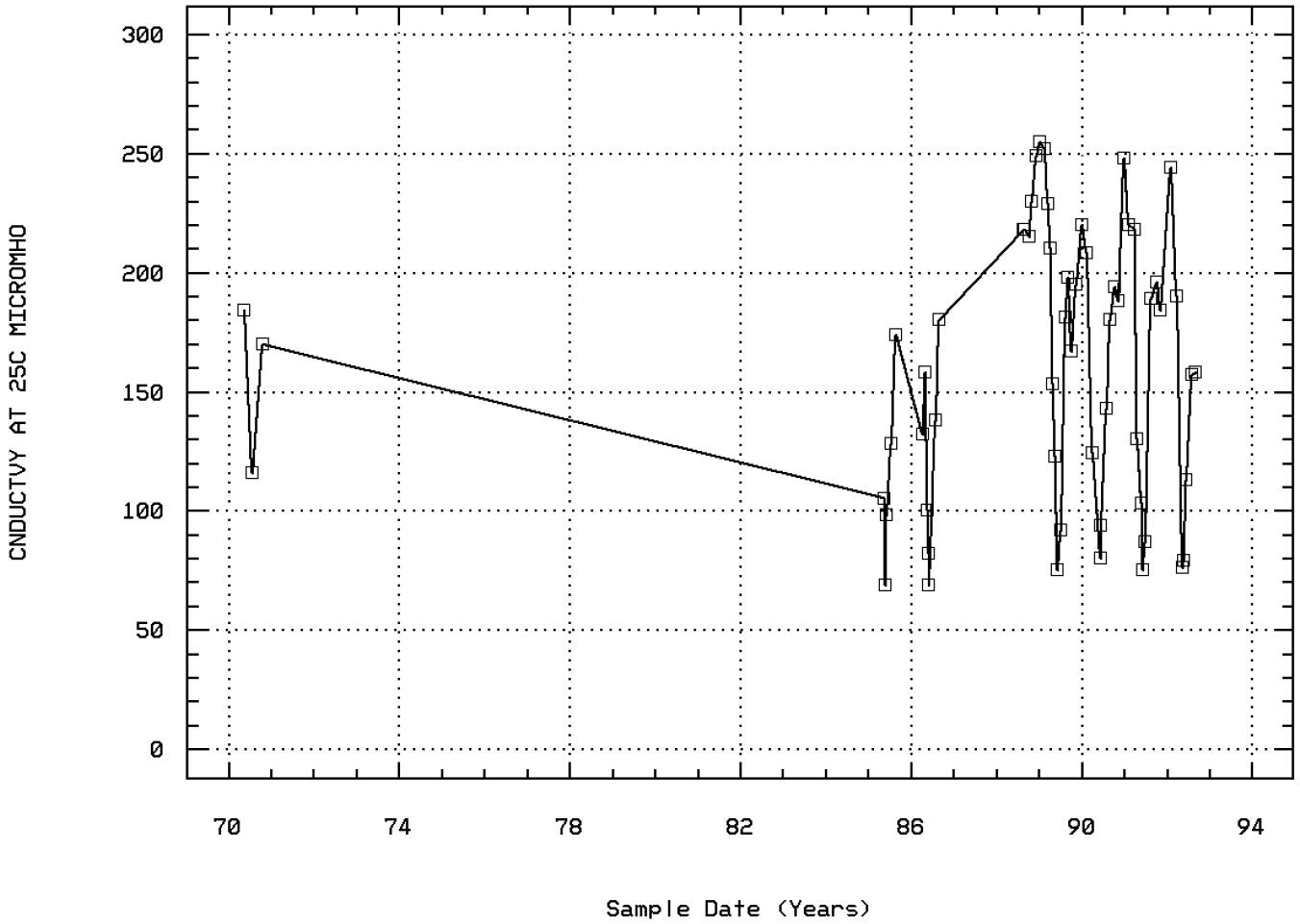
EPA Water Quality Criteria Analysis for Station: YELL0347

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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.	2	0	0.00	1	0	0.00							1	0	0.00
00400	PH	Other-Hi Lim.	9.	5	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	5	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	2	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
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.	5	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	5	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00				1	0	0.00	1	0	0.00	1	0	0.00

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

Station: YELL0347 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



LAMAR RIVER NR TOWER FALLS RANGER STATI

Seasonal Analysis for Season #1: 11/01 to 4/15 - Station YELL0347

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/12/70-07/30/92	18	0.	1.278	5.	0.	3.712	1.927	0.	0.	3.25	5.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/08/85-09/10/92	18	127.	208.778	866.	72.	49571.007	222.645	77.4	102.	199.5	755.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/70-09/10/92	18	219.	210.889	255.	124.	1422.928	37.722	131.2	189.5	245.	252.3
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/08/85-09/10/92	6	90.5	81.167	100.	25.	779.767	27.924	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/08/85-09/10/92	7	4.	40.714	256.	2.	9024.238	94.996	**	**	**	**

** - Less than 9 observations ## - Computed 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: 4/16 to 6/15 - Station YELL0347

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/12/70-07/30/92	22	4.75	4.955	8.5	1.	5.117	2.262	2.	3.	7.125	8.35
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/08/85-09/10/92	21	3670.	3860.333	8120.	671.	4813138.733	2193.887	952.8	1830.	5535.	7504.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/70-09/10/92	18	96.	102.944	184.	69.	1146.408	33.859	69.	75.75	124.75	160.6
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/08/85-09/10/92	17	55.	58.059	91.	42.	156.434	12.507	42.8	51.5	64.	80.6
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/08/85-09/10/92	18	201.	270.889	895.	13.	59171.752	243.252	21.1	113.25	384.	730.3

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

Seasonal Analysis for Season #3: 6/16 to 8/15 - Station YELL0347

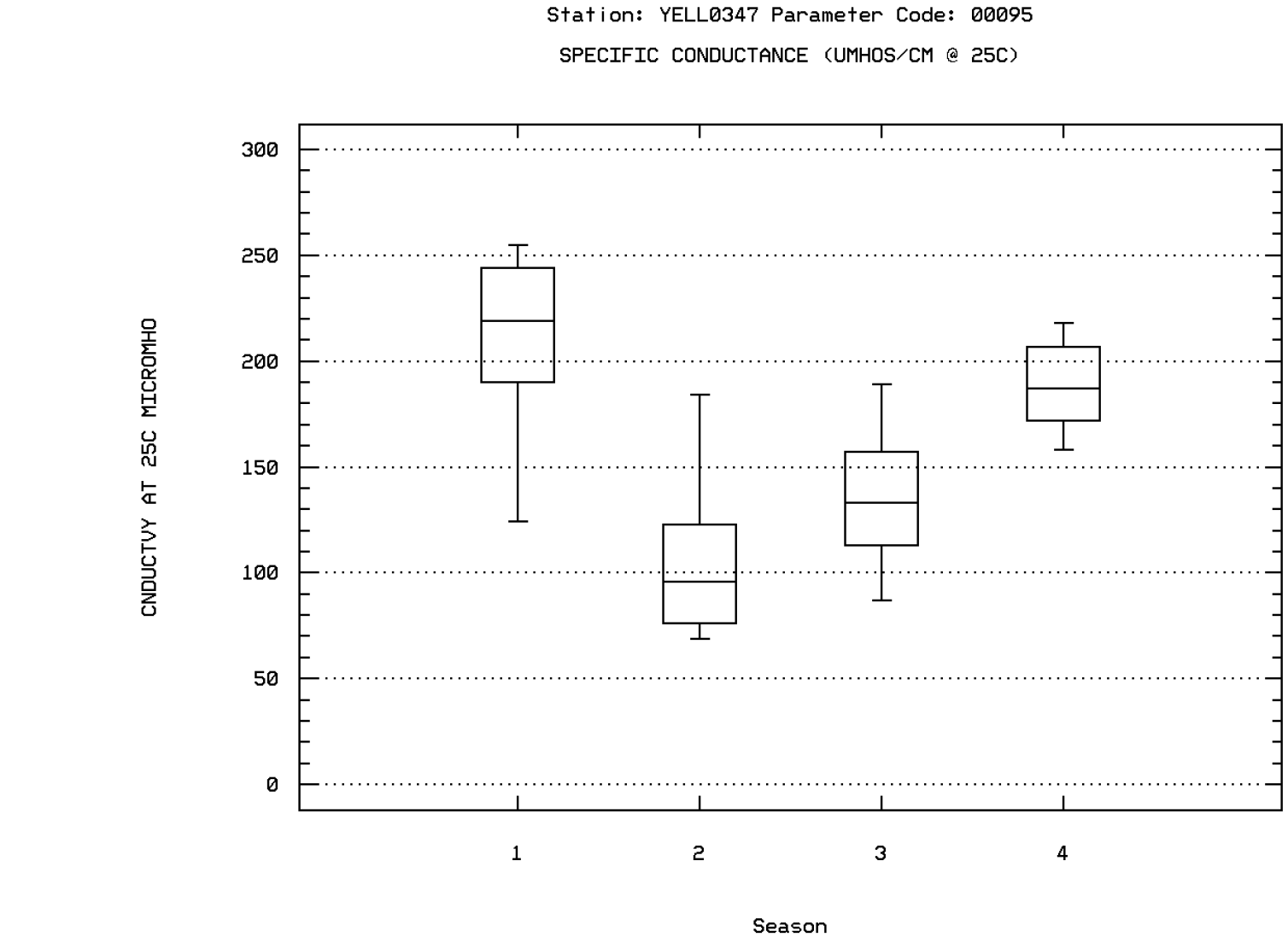
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/12/70-07/30/92	10	14.75	13.55	17.	9.	7.692	2.773	9.	11.25	15.25	16.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/08/85-09/10/92	9	631.	1066.889	2730.	269.	755286.111	869.072	269.	479.5	1870.	2730.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/70-09/10/92	10	133.	134.4	189.	87.	1181.378	34.371	87.5	107.75	163.	188.2
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/08/85-09/10/92	8	83.5	78.125	94.	50.	240.411	15.505	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/08/85-09/10/92	9	8.	14.556	44.	3.	202.028	14.214	3.	4.5	24.	44.

** - Less than 9 observations ## - Computed 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: 8/16 to 10/31 - Station YELL0347

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/12/70-07/30/92	11	11.	9.773	14.	3.	17.018	4.125	3.2	5.	13.	13.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/08/85-09/10/92	11	243.	235.182	374.	106.	9308.364	96.48	110.2	130.	322.	370.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/12/70-09/10/92	12	187.	189.	218.	158.	427.818	20.684	160.7	171.	210.75	218.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	05/08/85-09/10/92	10	85.5	81.	97.	50.	212.222	14.568	51.8	68.75	91.	96.7
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/08/85-09/10/92	10	7.	8.7	27.	4.	47.567	6.897	4.	4.	9.	25.5

** - 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



LAMAR RIVER NR TOWER FALLS RANGER STATI

Station Inventory for Station: YELL0348

NPS Station ID: YELL0348 LAT/LON: 44.932781/ 110.726670 Agency: 112WRD Date Created: / /
Location: GLEN C AB RUSTIC FALLS AB TR NR MAMMOTH YNP W FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06189890
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001005 RF1 Mile Point: 0.490 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10080012003501.99 RF3 Mile Point: 2.82 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0348

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/67-08/13/68	4	8.95	9.3	11.	8.3	1.38	1.175	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	06/17/67-08/13/68	4	3.	7.25	20.	3.	72.25	8.5	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/67-08/13/68	4	211.5	210.25	216.	202.	36.25	6.021	**	**	**	**
00400	PH (STANDARD UNITS)	06/17/67-08/13/68	4	7.6	7.6	7.9	7.3	0.067	0.258	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/17/67-08/13/68	4	7.589	7.544	7.9	7.3	0.071	0.266	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/17/67-08/13/68	4	0.026	0.029	0.05	0.013	0.	0.016	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/67-08/13/68	4	108.	106.5	112.	98.	41.667	6.455	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/17/67-08/13/68	4	131.5	129.75	136.	120.	54.917	7.411	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/17/67-08/13/68	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/17/67-08/13/68	4	106.	103.75	109.	94.	44.25	6.652	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/17/67-08/13/68	4	0.	0.25	1.	0.	0.25	0.5	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/17/67-08/13/68	4	30.5	29.25	31.	25.	8.25	2.872	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/17/67-08/13/68	4	7.6	7.375	7.7	6.6	0.276	0.525	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/17/67-08/13/68	4	3.5	3.55	4.9	2.3	1.67	1.292	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/17/67-08/13/68	4	0.15	0.15	0.2	0.1	0.003	0.058	**	**	**	**
00932	SODIUM, PERCENT	06/17/67-08/13/68	4	6.5	6.5	9.	4.	5.667	2.38	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/17/67-08/13/68	4	1.4	1.4	2.	0.8	0.24	0.49	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/17/67-08/13/68	4	0.55	0.875	2.	0.4	0.583	0.763	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/17/67-08/13/68	4	2.4	2.35	4.	0.6	3.637	1.907	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/17/67-08/13/68	4	0.2	0.2	0.3	0.1	0.007	0.082	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/17/67-08/13/68	4	22.5	21.	28.	11.	59.333	7.703	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/17/67-08/13/68	4	5.	10.	30.	0.	200.	14.142	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/13/68-08/13/68	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/13/68-08/13/68	1	30.	30.	30.	30.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/17/67-08/13/68	4	142.	138.	144.	124.	90.667	9.522	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/13/68-08/13/68	2	132.5	132.5	142.	123.	180.5	13.435	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	06/17/67-08/13/68	4	1.215	2.76	7.54	1.07	10.16	3.187	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/17/67-08/13/68	4	0.195	0.19	0.2	0.17	0.	0.014	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/17/67-08/13/68	4	0.1	0.125	0.2	0.1	0.003	0.05	**	**	**	**
71885	IRON (UG/L AS FE)	06/17/67-06/17/67	1	90.	90.	90.	90.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0348

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	4	0	0.00							3	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00							3	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00							3	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	4	0	0.00							3	0	0.00	1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	4	0	0.00							3	0	0.00	1	0	0.00

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

Station Inventory for Station: YELL0349

NPS Station ID: YELL0349 LAT/LON: 44.932781/ 110.726670 Agency: 112WRD Date Created: / /
Location: GLEN C TRIB AB RUSTIC FALLS NR MAMMOTH YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06189900
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: 10020007008500.00 RF3 Mile Point: 2.00 Distance from RF3: 0.34 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/67-08/13/68	2	9.45	9.45	10.	8.9	0.605	0.778	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	09/20/67-09/20/67	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/67-08/13/68	2	219.	219.	225.	213.	72.	8.485	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/67-08/13/68	2	7.45	7.45	7.6	7.3	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/67-08/13/68	2	7.425	7.425	7.6	7.3	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/67-08/13/68	2	0.038	0.038	0.05	0.025	0.	0.018	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/67-08/13/68	2	111.	111.	111.	111.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/20/67-08/13/68	2	135.	135.	135.	135.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/20/67-08/13/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/67-08/13/68	2	110.	110.	111.	109.	2.	1.414	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/20/67-08/13/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/67-08/13/68	2	33.	33.	34.	32.	2.	1.414	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/67-08/13/68	2	6.85	6.85	7.5	6.2	0.845	0.919	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/67-08/13/68	2	1.95	1.95	2.1	1.8	0.045	0.212	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/13/68-08/13/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/20/67-08/13/68	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/67-08/13/68	2	0.8	0.8	0.9	0.7	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/67-08/13/68	2	0.7	0.7	1.	0.4	0.18	0.424	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/67-08/13/68	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/67-08/13/68	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/67-08/13/68	2	7.7	7.7	8.2	7.2	0.5	0.707	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/20/67-08/13/68	2	10.	10.	20.	0.	200.	14.142	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/13/68-08/13/68	1	250.	250.	250.	250.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/67-08/13/68	2	133.	133.	146.	120.	338.	18.385	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/13/68-08/13/68	1	120.	120.	120.	120.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	09/20/67-09/20/67	1	5.11	5.11	5.11	5.11	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/20/67-08/13/68	2	0.18	0.18	0.2	0.16	0.001	0.028	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/20/67-08/13/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0349

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00							1	0	0.00	1	0	0.00

& - 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: YELL0349

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
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
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00							1	0	0.00	1	0	0.00

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

Station Inventory for Station: YELL0350

NPS Station ID: YELL0350
LAT/LON: 44.933060/ 110.725837
Agency: 112WRD
Date Created: / /
Location: GLEN C AB RUSTIC FA NR MAMMOTH YNP
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06189902
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001005
RF1 Mile Point: 0.490
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001002302.17
RF3 Mile Point: 2.64
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0350

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/68-04/13/70	2	6.25	6.25	11.	1.5	45.125	6.718	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/13/68-04/13/70	2	16.	16.	18.	14.	8.	2.828	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/13/70-04/13/70	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/68-04/13/70	2	270.5	270.5	328.	213.	6612.5	81.317	**	**	**	**
00400	PH (STANDARD UNITS)	08/13/68-04/13/70	2	7.75	7.75	7.8	7.7	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/13/68-04/13/70	2	7.747	7.747	7.8	7.7	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/68-04/13/70	2	0.018	0.018	0.02	0.016	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/68-04/13/70	2	120.	120.	129.	111.	162.	12.728	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/13/68-04/13/70	2	146.	146.	157.	135.	242.	15.556	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/13/68-04/13/70	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/68-04/13/70	2	138.5	138.5	168.	109.	1740.5	41.719	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/13/68-04/13/70	2	19.5	19.5	39.	0.	760.5	27.577	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/68-04/13/70	2	38.5	38.5	46.	31.	112.5	10.607	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/68-04/13/70	2	10.35	10.35	13.	7.7	14.045	3.748	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/68-04/13/70	2	2.9	2.9	3.5	2.3	0.72	0.849	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/13/68-04/13/70	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/13/68-04/13/70	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/68-04/13/70	2	1.25	1.25	1.7	0.8	0.405	0.636	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/68-04/13/70	2	0.65	0.65	0.9	0.4	0.125	0.354	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/13/68-04/13/70	2	24.	24.	44.	4.	800.	28.284	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/68-04/13/70	2	0.25	0.25	0.4	0.1	0.045	0.212	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/68-04/13/70	2	12.	12.	13.	11.	2.	1.414	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/13/68-04/13/70	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/13/68-04/13/70	2	20.	20.	30.	10.	200.	14.142	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/13/68-04/13/70	2	163.	163.	202.	124.	3042.	55.154	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/13/68-04/13/70	2	161.5	161.5	200.	123.	2964.5	54.447	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/13/68-04/13/70	2	6.835	6.835	7.64	6.03	1.296	1.138	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/13/68-04/13/70	2	0.22	0.22	0.27	0.17	0.005	0.071	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/13/68-04/13/70	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0350

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00	1	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00				1	0	0.00			

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

Station Inventory for Station: YELL0351

NPS Station ID: YELL0351
LAT/LON: 44.933448/ 110.717365
Agency: 11NPSYSP
Date Created: 07/07/90
Location: GLEN CR. ABOVE RUSTIC FALLS
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100706000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.80
On/Off RF1:
RF3 Index: 10070001001800.00
RF3 Mile Point: 0.85
Distance from RF3: 0.23
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1716.94 STREAM LENGTH (km)= 9 % GRADIENT= 6.23
HIGHEST ELEVATION (m)=2389.6 LOWEST ELEVATION (m)=1828.8 INTRODUCED BROOK TROUT PRESENT.

Parameter Inventory for Station: YELL0351

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: YELL0352

NPS Station ID: YELL0352 LAT/LON: 44.933755/ 110.350338 Agency: 11NPSYSP Date Created: 05/24/86
Location: LITTLE TRUMPETER L. NE YNP 4.4KM FROM TOWER JUNC FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 103300000000055
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 9 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 8.80 On/Off RF1:
RF3 Index: 10070001020800.00 RF3 Mile Point: 1.98 Distance from RF3: 0.33 On/Off RF3:
Description:
ELEVATION (m)= 1862 CAPACITY (m cubed)= 8800 DRAINAGE AREA (ha)= 92 SURFACE AREA (ha)= 4.0
AVERAGE DEPTH (m)= 2.2 MAX DEPTH (m)= 3.0 0 FISH; NO OFFICIAL STOCKING RECORDS, ALTHOUGH SURVIVAL IS DOUBTFUL DUE TO SHALLOW DEPTH.

Parameter Inventory for Station: YELL0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/77-08/04/77	1	20.5	20.5	20.5	20.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/04/77-08/04/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/04/77-08/04/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/77-08/04/77	1	930.	930.	930.	930.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/04/77-08/04/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/04/77-08/04/77	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/04/77-08/04/77	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/77-08/04/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/04/77-08/04/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/04/77-08/04/77	1	117.	117.	117.	117.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/04/77-08/04/77	1	285.	285.	285.	285.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/04/77-08/04/77	1	234.	234.	234.	234.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/04/77-08/04/77	1	519.	519.	519.	519.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/04/77-08/04/77	1	348.	348.	348.	348.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/04/77-08/04/77	1	143.	143.	143.	143.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/04/77-08/04/77	1	750.	750.	750.	750.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/77-08/04/77	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/04/77-08/04/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/77-08/04/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/77-08/04/77	1	16.1	16.1	16.1	16.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/77-08/04/77	1	312.	312.	312.	312.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/04/77-08/04/77	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/04/77-08/04/77	1	268.	268.	268.	268.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/77-08/04/77	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/04/77-08/04/77	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/77-08/04/77	1	1.69	1.69	1.69	1.69	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/77-08/04/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/77-08/04/77	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/04/77-08/04/77	1	0.94	0.94	0.94	0.94	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/77-08/04/77	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/04/77-08/04/77	1	100.	100.	100.	100.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/04/77-08/04/77	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/77-08/04/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/04/77-08/04/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/04/77-08/04/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/04/77-08/04/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/04/77-08/04/77	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0352

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00							1	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	1	1.00							1	1	1.00			
		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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0353

NPS Station ID: YELL0353 LAT/LON: 44.933755/ 110.350338 Agency: 11NPSYSP Date Created: 05/24/86
Location: BIG TRUMPETER L. NE YNP 4.4KM FROM TOWER JUNCTIO FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 103300000000056
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 9 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 10.40 On/Off RF1:
RF3 Index: 10070001086200.00 RF3 Mile Point: 0.71 Distance from RF3: 0.39 On/Off RF3:
Description:
ELEVATION (m)= 1873 CAPACITY (m cubed)= 183069 DRAINAGE AREA (ha)= 77 SURFACE AREA (ha)= 10.7
AVERAGE DEPTH (m)= 1.7 MAX DEPTH (m)= 3.0 0 FISH; NO OFFICIAL STOCKING RECORDS, SURVIVAL IS DOUBTFUL DUE TO SHALLO
W DEPTH.

Parameter Inventory for Station: YELL0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/77-08/03/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/03/77-08/03/77	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/03/77-08/03/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/03/77-08/03/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/77-08/03/77	1	850.	850.	850.	850.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/03/77-08/03/77	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/03/77-08/03/77	1	8.85	8.85	8.85	8.85	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/03/77-08/03/77	1	8.85	8.85	8.85	8.85	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/77-08/03/77	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/03/77-08/03/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/03/77-08/03/77	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/03/77-08/03/77	1	202.	202.	202.	202.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/03/77-08/03/77	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/03/77-08/03/77	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/03/77-08/03/77	1	246.	246.	246.	246.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/03/77-08/03/77	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/03/77-08/03/77	1	385.	385.	385.	385.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/03/77-08/03/77	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/03/77-08/03/77	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/77-08/03/77	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/03/77-08/03/77	1	20.8	20.8	20.8	20.8	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/03/77-08/03/77	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/03/77-08/03/77	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/03/77-08/03/77	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/03/77-08/03/77	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/03/77-08/03/77	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/03/77-08/03/77	1	7.99	7.99	7.99	7.99	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/77-08/03/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/03/77-08/03/77	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/03/77-08/03/77	1	0.92	0.92	0.92	0.92	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/77-08/03/77	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	08/03/77-08/03/77	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/03/77-08/03/77	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/03/77-08/03/77	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/03/77-08/03/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/03/77-08/03/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/03/77-08/03/77	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/03/77-08/03/77	1	2.6	2.6	2.6	2.6	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: YELL0353

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0354

NPS Station ID: YELL0354 LAT/LON: 44.933781/ 110.567531 Agency: 11NPSYSP Date Created: 07/07/90
Location: BLACKTAIL DEER CREEK 1.6 KM ABOVE PATROL CABIN FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 101700000000003
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 1.30 On/Off RF1:
RF3 Index: 10070001002300.00 RF3 Mile Point: 1.07 Distance from RF3: 0.17 On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 3305.3 STREAM LENGTH (km)= 9.4 % GRADIENT= 5.06
HIGHEST ELEVATION (m)=2560.3 LOWEST ELEVATION (m)=2084.8 I-BROOK TROUT

Parameter Inventory for Station: YELL0354

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: YELL0355

NPS Station ID: YELL0355
LAT/LON: 44.933948/ 111.050338
Agency: 11NPSYSP
Date Created: 07/07/90
Location: GALLATIN RIVER AT PARK BOUNDARY
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 500000000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 10020008004501.17
RF3 Mile Point: 6.70
Distance from RF3: 0.16
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 7718.35 STREAM LENGTH (km)= 20.40 % GRADIENT= 5.02
HIGHEST ELEVATION (m)=2706.6 LOWEST ELEVATION (m)=2194.6 NATIVE CUTTHROAT TROUT AND MOUNTAIN WHITEFISH, AND INTRODUCED BROWN TROUT AND CUTTHROAT X RAINBOW TROUT HYBRID PRESENT.

Parameter Inventory for Station: YELL0355

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: YELL0356

NPS Station ID: YELL0356 LAT/LON: 44.934477/ 110.083726 Agency: 11NPSYSP Date Created: 07/07/90
Location: SODA BUTTE CREEK AT ICEBOX CANYON BRIDGE FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 103317000000007
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.60 On/Off RF1:
RF3 Index: 10070001015804.12 RF3 Mile Point: 6.73 Distance from RF3: 0.11 On/Off RF3:
Description:
311441.65 22.6 1.11
23472097.2 I-CUTTHROAT RAINBOW HYBRID

Parameter Inventory for Station: YELL0356

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: YELL0357

NPS Station ID: YELL0357 LAT/LON: 44.934809/ 110.700838 Agency: 11NPSYSP Date Created: 05/24/86
Location: MAMMOTH WATER SUPPLY 4KM S. OF MAMMOTH IN YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100700000000064
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 16 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001005 RF1 Mile Point: 2.070 Distance from RF1: 12.70 On/Off RF1: ON
RF3 Index: 10070006113600.00 RF3 Mile Point: 0.59 Distance from RF3: 0.14 On/Off RF3:
Description:
ELEVATION (m)= 2018 CAPACITY (m cubed)= 25906 DRAINAGE AREA (ha)= 20.2 SURFACE AREA (ha)= 3.0
AVERAGE DEPTH (m)= 2.1 MAX DEPTH (m)= 5.2 INTRODUCED BROOK TROUT;SELF SUSTAINED DUE TO EMMIGRATION FROM GLEN CK,A
S THERE IS NO SPAWNING HABITAT.

Parameter Inventory for Station: YELL0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/75-07/24/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/24/75-07/24/75	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/24/75-07/24/75	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/24/75-07/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/24/75-07/24/75	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/24/75-07/24/75	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/24/75-07/24/75	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/24/75-07/24/75	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/75-07/24/75	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/24/75-07/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/24/75-07/24/75	1	118.	118.	118.	118.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/24/75-07/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/24/75-07/24/75	1	118.	118.	118.	118.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/24/75-07/24/75	1	144.	144.	144.	144.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/24/75-07/24/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/24/75-07/24/75	1	163.	163.	163.	163.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/24/75-07/24/75	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/24/75-07/24/75	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/24/75-07/24/75	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/24/75-07/24/75	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/24/75-07/24/75	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/24/75-07/24/75	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	07/24/75-07/24/75	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/24/75-07/24/75	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/24/75-07/24/75	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/24/75-07/24/75	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/75-07/24/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/75-07/24/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/24/75-07/24/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/24/75-07/24/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/24/75-07/24/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/24/75-07/24/75	1	0.74	0.74	0.74	0.74	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/24/75-07/24/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/24/75-07/24/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/24/75-07/24/75	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: YELL0357

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00							1	0	0.00			
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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0358

NPS Station ID: YELL0358
LAT/LON: 44.934892/ 110.300253
Agency: 11NPSYSP
Date Created: 07/07/90
Location: SLOUGH CREEK ABOVE BUFFALO CREEK
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103302000000038
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 8.10
On/Off RF1:
RF3 Index: 10070001081400.00
RF3 Mile Point: 1.30
Distance from RF3: 0.21
On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)= 54688.5 STREAM LENGTH (km)= 61.6 % GRADIENT= 1.7
HIGHEST ELEVATION (m)=2972.0 LOWEST ELEVATION (m)=1926.3 NATIVE CUTTHROAT

Parameter Inventory for Station: YELL0358

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: YELL0359

NPS Station ID: YELL0359
LAT/LON: 44.939448/ 110.626670
Agency: 112WRD
Date Created: / /
Location: LAVA CR AB LUPINE CR NR MAMMOTH YNP
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06189980
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001018
RF1 Mile Point: 3.080
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001071400.00
RF3 Mile Point: 1.35
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/67-10/21/70	18	7.	6.939	14.	1.5	13.818	3.717	1.5	3.75	9.	12.92
00060	FLOW, STREAM, MEAN DAILY CFS	05/26/67-10/21/70	18	31.	51.278	166.	18.	2054.095	45.322	18.	21.75	67.75	131.8
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/68-10/21/70	10	4.5	5.8	10.	2.	10.178	3.19	2.1	3.	10.	10.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/67-10/21/70	17	74.	72.176	90.	49.	159.779	12.64	49.8	62.	81.	89.2
00400	PH (STANDARD UNITS)	05/26/67-10/21/70	17	7.1	7.024	7.6	6.5	0.089	0.299	6.58	6.8	7.25	7.44
00400	CONVERTED PH (STANDARD UNITS)	05/26/67-10/21/70	17	7.1	6.928	7.6	6.5	0.099	0.315	6.58	6.8	7.25	7.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/67-10/21/70	17	0.079	0.118	0.316	0.025	0.007	0.084	0.037	0.057	0.158	0.264
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/26/67-10/21/70	17	31.	29.765	39.	17.	46.816	6.842	19.4	24.	34.	39.
00440	BICARBONATE ION (MG/L AS HCO3)	05/26/67-10/21/70	17	38.	36.294	48.	21.	69.721	8.35	23.4	29.5	42.	47.2
00445	CARBONATE ION (MG/L AS CO3)	05/26/67-10/21/70	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/26/67-10/21/70	17	25.	24.118	32.	14.	30.86	5.555	15.6	19.	28.5	32.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/26/67-10/21/70	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/26/67-10/21/70	17	6.3	6.288	9.1	3.8	2.001	1.415	4.12	5.25	7.35	8.22
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/26/67-10/21/70	17	2.2	2.047	3.3	0.6	0.683	0.826	0.92	1.2	2.75	3.22
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/26/67-10/21/70	17	5.2	4.794	6.4	3.	1.183	1.088	3.16	3.75	5.65	6.08
00931	SODIUM ADSORPTION RATIO	05/26/67-10/21/70	17	0.4	0.429	0.5	0.3	0.005	0.069	0.3	0.4	0.5	0.5
00932	SODIUM, PERCENT	05/26/67-10/21/70	17	30.	28.824	33.	24.	6.279	2.506	24.8	26.	30.5	31.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/26/67-10/21/70	17	1.4	1.341	2.1	0.4	0.159	0.399	0.8	1.1	1.6	1.86
00940	CHLORIDE,TOTAL IN WATER MG/L	05/26/67-10/21/70	17	0.5	0.641	2.	0.	0.201	0.449	0.16	0.35	0.85	1.2
00945	SULFATE, TOTAL (MG/L AS SO4)	05/26/67-10/21/70	17	2.	2.2	5.	0.2	1.53	1.237	0.52	1.	3.	3.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/26/67-10/21/70	17	1.5	1.465	3.4	0.9	0.326	0.571	0.9	1.1	1.6	2.12
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/26/67-10/21/70	17	32.	30.176	36.	22.	22.154	4.707	22.8	25.5	34.	35.2
01020	BORON, DISSOLVED (UG/L AS B)	05/26/67-10/21/70	17	0.	5.294	30.	0.	76.471	8.745	0.	0.	10.	22.
01045	IRON, TOTAL (UG/L AS FE)	05/17/68-10/21/70	14	100.	100.714	250.	20.	5114.835	71.518	20.	30.	125.	240.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/26/67-07/21/70	16	75.	71.5	108.	40.	309.067	17.58	45.6	54.5	81.5	94.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/17/68-10/21/70	14	72.	67.286	83.	44.	158.527	12.591	46.	56.25	76.5	82.5
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/26/67-10/21/70	17	6.4	8.963	21.5	3.89	34.242	5.852	3.97	4.48	12.6	20.7
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/26/67-10/21/70	17	0.1	0.098	0.15	0.05	0.001	0.023	0.066	0.08	0.11	0.126
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/26/67-10/21/70	17	0.	0.082	0.4	0.	0.013	0.113	0.	0.	0.15	0.24
71885	IRON (UG/L AS FE)	08/23/67-09/20/67	2	55.	55.	70.	40.	450.	21.213	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/20/69-10/21/70	7	3.	7.429	33.	2.	128.952	11.356	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/20/69-10/21/70	7	0.15	1.68	10.	0.11	13.518	3.677	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0359

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	17	0	0.00	3	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	17	1	0.06	3	0	0.00	5	0	0.00	4	0	0.00	5	1	0.20
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	17	0	0.00	3	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	17	0	0.00	3	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	17	0	0.00	3	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00

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

Station Inventory for Station: YELL0360

NPS Station ID: YELL0360
LAT/LON: 44.944448/ 110.705003
Agency: 112WRD
Date Created: / /
Location: GLEN C AT MAMMOTH DIV YNP
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06189910
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001005
RF1 Mile Point: 0.490
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001012000.00
RF3 Mile Point: 10.97
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/68-10/21/70	12	7.	6.417	12.	0.	19.902	4.461	0.3	1.25	11.	11.85
00060	FLOW, STREAM, MEAN DAILY CFS	05/17/68-10/21/70	12	19.5	20.917	35.	3.	77.902	8.826	6.9	16.25	27.25	35.
00080	COLOR (PLATINUM-COBALT UNITS)	04/16/69-10/21/70	8	5.5	8.75	20.	2.	49.929	7.066	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/17/68-10/21/70	11	236.	247.273	300.	211.	946.618	30.767	212.4	220.	272.	297.4
00400	PH (STANDARD UNITS)	05/17/68-10/21/70	11	7.9	7.891	8.3	7.2	0.141	0.375	7.24	7.5	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	05/17/68-10/21/70	11	7.9	7.73	8.3	7.2	0.169	0.412	7.24	7.5	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/68-10/21/70	11	0.013	0.019	0.063	0.005	0.	0.019	0.005	0.006	0.032	0.058
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/17/68-10/21/70	11	116.	116.182	132.	103.	60.964	7.808	104.6	112.	117.	131.
00440	BICARBONATE ION (MG/L AS HCO3)	05/17/68-10/21/70	11	139.	141.	157.	126.	78.	8.832	127.8	136.	143.	156.6
00445	CARBONATE ION (MG/L AS CO3)	05/17/68-10/21/70	11	0.	0.2	2.	0.	0.36	0.6	0.	0.	0.	1.64
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/17/68-10/21/70	10	115.5	124.3	156.	100.	345.567	18.589	101.1	111.	141.5	155.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/17/68-10/21/70	10	0.5	8.7	29.	0.	134.456	11.595	0.	0.	20.75	28.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/17/68-10/21/70	11	37.	36.182	43.	30.	19.364	4.4	30.2	32.	40.	42.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/17/68-10/21/70	11	8.8	8.645	12.	5.4	4.697	2.167	5.46	6.7	10.	11.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/17/68-10/21/70	11	3.1	3.1	3.9	2.1	0.316	0.562	2.12	2.9	3.6	3.86
00931	SODIUM ADSORPTION RATIO	05/17/68-10/21/70	11	0.1	0.127	0.2	0.1	0.002	0.047	0.1	0.1	0.2	0.2
00932	SODIUM, PERCENT	05/17/68-10/21/70	11	4.	5.091	7.	4.	1.891	1.375	4.	4.	7.	7.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/17/68-10/21/70	11	1.	1.1	1.9	0.2	0.278	0.527	0.28	0.8	1.5	1.9
00940	CHLORIDE,TOTAL IN WATER MG/L	05/17/68-10/21/70	11	0.6	0.809	2.	0.3	0.381	0.617	0.3	0.4	0.9	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/17/68-10/21/70	11	6.	13.691	30.	0.6	128.051	11.316	1.28	4.	26.	29.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/17/68-10/21/70	11	0.2	0.227	0.3	0.2	0.002	0.047	0.2	0.2	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/17/68-10/21/70	11	13.	14.818	21.	11.	15.964	3.995	11.	12.	19.	20.8
01020	BORON, DISSOLVED (UG/L AS B)	05/17/68-10/21/70	11	0.	5.455	20.	0.	47.273	6.876	0.	0.	10.	18.
01045	IRON, TOTAL (UG/L AS FE)	05/17/68-10/21/70	11	120.	98.182	290.	10.	6476.364	80.476	12.	20.	130.	260.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/17/68-07/22/70	10	153.	153.8	202.	114.	713.289	26.707	115.	133.	173.5	199.6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/17/68-10/21/70	11	144.	148.273	180.	127.	323.418	17.984	127.6	132.	163.	177.2
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/17/68-10/21/70	11	7.18	8.179	14.9	1.28	12.398	3.521	2.256	6.7	10.6	14.32
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/17/68-10/21/70	11	0.21	0.209	0.27	0.16	0.001	0.033	0.162	0.18	0.23	0.264
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/17/68-10/21/70	11	0.1	0.109	0.2	0.	0.009	0.094	0.	0.	0.2	0.2
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	05/20/69-10/21/70	7	5.	5.429	8.	3.	3.619	1.902	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/20/69-10/21/70	7	0.27	0.317	0.76	0.13	0.044	0.21	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0360

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	11	0	0.00	1	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	11	0	0.00	1	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	1	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	11	0	0.00	1	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	11	0	0.00	1	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00

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

Station Inventory for Station: YELL0361

NPS Station ID: YELL0361
LAT/LON: 44.949449/ 110.304171
Agency: 112WRD
Date Created: / /
Location: SLOUGH C NR TOWER JCT, YNP, WY
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06187980
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001164
RF1 Mile Point: 0.450
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001080400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.16
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/69-10/20/70	7	4.	6.143	12.5	0.5	24.393	4.939	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	05/20/69-10/20/70	7	103.	233.429	900.	31.	97562.286	312.35	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/20/69-10/20/70	7	7.	8.286	15.	3.	26.571	5.155	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/69-10/20/70	7	186.	162.286	211.	90.	2415.571	49.148	**	**	**	**
00400	PH (STANDARD UNITS)	05/20/69-10/20/70	7	7.7	7.443	8.1	6.7	0.283	0.532	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/20/69-10/20/70	7	7.7	7.183	8.1	6.7	0.362	0.601	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/69-10/20/70	7	0.02	0.066	0.2	0.008	0.005	0.071	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/20/69-10/20/70	7	94.	80.714	104.	43.	637.905	25.257	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/20/69-10/20/70	7	115.	98.429	127.	52.	950.952	30.838	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/20/69-10/20/70	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/20/69-10/20/70	7	92.	79.857	105.	42.	677.81	26.035	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/20/69-10/20/70	7	0.	0.429	3.	0.	1.286	1.134	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/20/69-10/20/70	7	25.	21.714	29.	12.	54.905	7.41	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/20/69-10/20/70	7	7.1	6.171	7.8	2.9	3.566	1.888	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/20/69-10/20/70	7	2.9	2.614	3.3	1.5	0.531	0.729	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/20/69-10/20/70	7	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/20/69-10/20/70	7	6.	6.429	8.	6.	0.619	0.787	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/20/69-10/20/70	7	1.4	1.271	1.7	0.7	0.129	0.359	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/69-10/20/70	7	0.3	0.543	1.	0.2	0.116	0.341	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/69-10/20/70	7	5.	4.4	7.	0.8	5.187	2.277	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/20/69-10/20/70	7	0.1	0.057	0.1	0.	0.003	0.053	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/20/69-10/20/70	7	14.	14.571	20.	12.	7.619	2.76	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/20/69-10/20/70	7	0.	7.143	30.	0.	123.81	11.127	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/20/69-10/20/70	7	80.	105.714	260.	30.	7495.238	86.575	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/20/69-10/20/70	7	106.	92.286	122.	54.	923.238	30.385	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/20/69-10/20/70	7	112.	99.571	128.	57.	804.286	28.36	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/20/69-10/20/70	7	32.3	41.757	141.	10.	2121.99	46.065	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/20/69-10/20/70	7	0.14	0.126	0.17	0.07	0.002	0.042	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/20/69-10/20/70	7	0.1	0.086	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: YELL0361

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00

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

Station Inventory for Station: YELL0362

NPS Station ID: YELL0362 LAT/LON: 44.949726/ 110.585837 Agency: 112WRD Date Created: 02/25/89
Location: BLACKTAIL DEER CREEK NR MAMMOTH YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06189000
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 1.10 On/Off RF1:
RF3 Index: 10070001000401.81 RF3 Mile Point: 3.67 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0362

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/26/88-09/11/92	46	5.	5.728	19.	0.	31.152	5.581	0.	0.	10.125	14.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/26/88-09/11/92	46	4.	17.5	133.	2.	799.011	28.267	2.	2.	24.	49.3
00065	STAGE, STREAM (FEET)	10/03/90-09/11/92	23	1.04	1.272	3.29	0.75	0.389	0.624	0.768	0.83	1.48	2.046
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/01/88-11/01/88	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/26/88-09/11/92	46	126.5	126.217	211.	82.	804.441	28.363	87.8	108.25	138.	156.5
00300	OXYGEN, DISSOLVED MG/L	11/01/88-11/01/88	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/01/88-11/01/88	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/01/88-11/01/88	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/01/88-11/01/88	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/01/88-11/01/88	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/01/88-11/01/88	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/01/88-11/01/88	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/01/88-11/01/88	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	11/01/88-11/01/88	1	61.	61.	61.	61.	0.	0.	**	**	**	**
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	11/01/88-11/01/88	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	11/01/88-11/01/88	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/01/88-11/01/88	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	11/01/88-11/01/88	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/01/88-11/01/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/01/88-11/01/88	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/01/88-11/01/88	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/01/88-11/01/88	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/01/88-11/01/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/01/88-11/01/88	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/01/88-11/01/88	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/01/88-11/01/88	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/01/88-11/01/88	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/01/88-11/01/88	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/01/88-11/01/88	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/88-11/01/88	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/88-11/01/88	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/88-11/01/88	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/88-11/01/88	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/01/88-11/01/88	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/01/88-11/01/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/88-11/01/88	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/01/88-11/01/88	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/01/88-11/01/88	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0362

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	11/01/88-11/01/88	1	37.	37.	37.	37.	0.	0.	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	11/01/88-11/01/88	1	80.	80.	80.	80.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/01/88-11/01/88	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/01/88-11/01/88	1	4.	4.	4.	4.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0362

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
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: YELL0363

NPS Station ID: YELL0363
LAT/LON: 44.950142/ 110.434198
Agency: 11NPSYSP
Date Created: 07/07/90
Location: ELK CR. .8 KM FROM CONFLUENCE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 102800000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 4.70
On/Off RF1:
RF3 Index: 10070001002501.75
RF3 Mile Point: 1.75
Distance from RF3: 0.36
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 4715.50 STREAM LENGTH (km)= 15.7 % GRADIENT= 6.26
HIGHEST ELEVATION (m)=2755.4 LOWEST ELEVATION (m)=1772.4 NATIVE BROOK AND RAINBOW TROUT PRESENT.

Parameter Inventory for Station: YELL0363

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: YELL0364

NPS Station ID: YELL0364 LAT/LON: 44.950199/ 111.050338 Agency: 11NPSYSP Date Created: 07/07/90
Location: FAN CR. @ CONFLUENCE TO GALLATIN RIVER FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 501600000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020008 RF1 Mile Point: 0.000 Distance from RF1: 0.30 On/Off RF1:
RF3 Index: 10020008004600.14 RF3 Mile Point: 0.46 Distance from RF3: 0.16 On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)=10648.00 STREAM LENGTH (km)= 9.66 % GRADIENT= 1.2
HIGHEST ELEVATION (m)=2286.0 LOWEST ELEVATION (m)=2170.0 NATIVE CUTTHROAT TROUT, RAINBOW TROUT, AND MOUNTAIN WHITEFISH PRESENT.
THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0364

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: YELL0365

NPS Station ID: YELL0365 LAT/LON: 44.950337/ 110.750309 Agency: 11NPSYSP Date Created: 05/24/86
Location: ICE LAKE RESSEVOIR NW TIP YNP BASE OF SEPULCHER FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100500000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 9 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10070001000900.00 RF3 Mile Point: 1.18 Distance from RF3: 0.08 On/Off RF3:
Description:
ELEVATION (m)=1670.3 CAPACITY (m cubed)= 12336 DRAINAGE AREA (ha)= 1729.7 SURFACE AREA (ha)= .8
AVERAGE DEPTH (m)= 1.5 MAX DEPTH (m)= 3.6 0 FISH; INTESNSIVE STOCKING OF THIS OLIGOTROPHIC LAKE HAS OCCURRED, BUT
IT HAS RETURNED TO IT'S ORIGINAL FISHLESS STATE.

Parameter Inventory for Station: YELL0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/74-07/25/74	1	18.3	18.3	18.3	18.3	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/25/74-07/25/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/25/74-07/25/74	1	0.88	0.88	0.88	0.88	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/25/74-07/25/74	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/25/74-07/25/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/74-07/25/74	1	210.	210.	210.	210.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/25/74-07/25/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/25/74-07/25/74	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/25/74-07/25/74	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/74-07/25/74	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/25/74-07/25/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/74-07/25/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/25/74-07/25/74	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/25/74-07/25/74	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/25/74-07/25/74	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/25/74-07/25/74	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/25/74-07/25/74	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/25/74-07/25/74	1	154.	154.	154.	154.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/25/74-07/25/74	1	1.15	1.15	1.15	1.15	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/25/74-07/25/74	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/25/74-07/25/74	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/25/74-07/25/74	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/25/74-07/25/74	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/25/74-07/25/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	07/25/74-07/25/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/25/74-07/25/74	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/25/74-07/25/74	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/25/74-07/25/74	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/25/74-07/25/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/25/74-07/25/74	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/25/74-07/25/74	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/25/74-07/25/74	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/25/74-07/25/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/25/74-07/25/74	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/25/74-07/25/74	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/25/74-07/25/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/25/74-07/25/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/25/74-07/25/74	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: YELL0365

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00							1	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	1	1.00							1	1	1.00			
		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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0366

NPS Station ID: YELL0366 LAT/LON: 44.950670/ 110.584420 Agency: 11NPSYSP Date Created: 05/24/86
Location: BLACKTAIL PONDS 10.6KM E OF MAMMOTH ON TOWER RD FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 101700000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 26 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001023 RF1 Mile Point: 3.770 Distance from RF1: 3.40 On/Off RF1: ON
RF3 Index: 10070001001000.00 RF3 Mile Point: 4.83 Distance from RF3: 0.10 On/Off RF3:
Description:
ELEVATION (m)= 2011 CAPACITY (m cubed)= 164565 DRAINAGE AREA (ha)= 393 SURFACE AREA (ha)= 4.7
AVERAGE DEPTH (m)= 3.5 MAX DEPTH (m)= 8.2 INTRODUCED BROOK AND CUTTHROAT TROUT;BROOK TROUT CAN REPRODUCE IN THISH
ABITAT, IT IS DOUBTFUL THAT CUTTHROAT CAN.

Parameter Inventory for Station: YELL0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/83-07/25/83	1	17.2	17.2	17.2	17.2	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/25/83-07/25/83	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/25/83-07/25/83	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/25/83-07/25/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/83-07/25/83	1	350.	350.	350.	350.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/25/83-07/25/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/25/83-07/25/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/83-07/25/83	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/25/83-07/25/83	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/25/83-07/25/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/25/83-07/25/83	1	159.	159.	159.	159.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/25/83-07/25/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/25/83-07/25/83	1	159.	159.	159.	159.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/25/83-07/25/83	1	194.	194.	194.	194.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/25/83-07/25/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/25/83-07/25/83	1	225.	225.	225.	225.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/25/83-07/25/83	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/25/83-07/25/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/25/83-07/25/83	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	07/25/83-07/25/83	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/25/83-07/25/83	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/25/83-07/25/83	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/25/83-07/25/83	1	152.	152.	152.	152.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/25/83-07/25/83	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	07/25/83-07/25/83	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/25/83-07/25/83	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/25/83-07/25/83	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/25/83-07/25/83	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/25/83-07/25/83	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/25/83-07/25/83	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/25/83-07/25/83	1	1.02	1.02	1.02	1.02	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: YELL0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/25/83-07/25/83	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/25/83-07/25/83	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/25/83-07/25/83	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/25/83-07/25/83	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/25/83-07/25/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/25/83-07/25/83	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/25/83-07/25/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/25/83-07/25/83	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: YELL0366

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0367

NPS Station ID: YELL0367 LAT/LON: 44.950670/ 110.616948 Agency: 11NPSYSP Date Created: 05/24/86
Location: MT.EVERTS L.#2 N.CENTRAL YNP S. EDGE OF MT.EVERT FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 101700000000052
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 22 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10070001111700.00 RF3 Mile Point: 0.39 Distance from RF3: 0.03 On/Off RF3:
Description:
ELEVATION (m)= 2217 CAPACITY (m cubed)= 376670 DRAINAGE AREA (ha)= 573 SURFACE AREA (ha)= 9.3
AVERAGE DEPTH (m)= 4.1 MAX DEPTH (m)= 7.6 0 FISH; IN 1937 8,000 CUTTHROAT WERE STOCKED, DUE TO LACK OF SPAWNING HA
BITAT,AND SHALLOW DEPTH IT HAS RETURNED TO IT'S ORIGINAL FISHLESS STATE.

Parameter Inventory for Station: YELL0367

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/76-08/03/76	1	19.4	19.4	19.4	19.4	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/03/76-08/03/76	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/03/76-08/03/76	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/03/76-08/03/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/76-08/03/76	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/03/76-08/03/76	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/03/76-08/03/76	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/03/76-08/03/76	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/76-08/03/76	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/03/76-08/03/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/03/76-08/03/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/03/76-08/03/76	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/03/76-08/03/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/03/76-08/03/76	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/03/76-08/03/76	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/03/76-08/03/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/03/76-08/03/76	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/03/76-08/03/76	1	1.03	1.03	1.03	1.03	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/03/76-08/03/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/76-08/03/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/03/76-08/03/76	1	13.8	13.8	13.8	13.8	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/03/76-08/03/76	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/03/76-08/03/76	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/03/76-08/03/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/03/76-08/03/76	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/03/76-08/03/76	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/03/76-08/03/76	1	2.22	2.22	2.22	2.22	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/76-08/03/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/03/76-08/03/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/03/76-08/03/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/76-08/03/76	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

Parameter Inventory for Station: YELL0367

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	08/03/76-08/03/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/03/76-08/03/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/03/76-08/03/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/03/76-08/03/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/03/76-08/03/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/03/76-08/03/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/03/76-08/03/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/03/76-08/03/76	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: YELL0367

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0368

NPS Station ID: YELL0368 LAT/LON: 44.950726/ 110.784727 Agency: 11NPSYSP Date Created: 05/24/86
Location: FAWN L. NW YNP N.TIP OF GARDNER'S HOLE FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100700000000086
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 16 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10070001009 RF1 Mile Point: 0.790 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10070001027100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.74 On/Off RF3:
Description:
ELEVATION (m)= 2368 CAPACITY (m cubed)= 49346 DRAINAGE AREA (ha)= 93.1 SURFACE AREA (ha)= 2
AVERAGE DEPTH (m)= 2.4 MAX DEPTH (m)= 5.5 INTRODUCED BROOK TROUT; ORIGINALLY FISHLESS BROOK TROUT MAY HAVE REPLACE
D TERMINAL PREDATOR.

Parameter Inventory for Station: YELL0368

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/75-07/30/75	1	16.4	16.4	16.4	16.4	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/30/75-07/30/75	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/30/75-07/30/75	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/30/75-07/30/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/30/75-07/30/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/30/75-07/30/75	1	500.	500.	500.	500.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/30/75-07/30/75	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/30/75-07/30/75	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/30/75-07/30/75	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/30/75-07/30/75	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/30/75-07/30/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/30/75-07/30/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/30/75-07/30/75	1	144.	144.	144.	144.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/30/75-07/30/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/30/75-07/30/75	1	144.	144.	144.	144.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/30/75-07/30/75	1	176.	176.	176.	176.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/30/75-07/30/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/30/75-07/30/75	1	393.	393.	393.	393.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/30/75-07/30/75	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/30/75-07/30/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/30/75-07/30/75	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/30/75-07/30/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/30/75-07/30/75	1	282.	282.	282.	282.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/30/75-07/30/75	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	07/30/75-07/30/75	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/30/75-07/30/75	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/30/75-07/30/75	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/30/75-07/30/75	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/30/75-07/30/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/30/75-07/30/75	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/30/75-07/30/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0368

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/30/75-07/30/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/30/75-07/30/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/30/75-07/30/75	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/30/75-07/30/75	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/30/75-07/30/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/30/75-07/30/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/30/75-07/30/75	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: YELL0368

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00							1	0	0.00			
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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0369

NPS Station ID: YELL0369
LAT/LON: 44.950866/ 110.667670
Agency: 11NPSYSP
Date Created: 07/07/90
Location: LAVA CREEK AT MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100705000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 13.70
On/Off RF1:
RF3 Index: 10070001000902.72
RF3 Mile Point: 3.22
Distance from RF3: 0.88
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)=11719.29 STREAM LENGTH (km)= 24.0 % GRADIENT= 3.25
HIGHEST ELEVATION (m)=2609.1 LOWEST ELEVATION (m)=1828.8 INTRODUCED BROOK, BROWN, RAINBOW, AND CUTTHROAT X RAINBOW TROUT HYBRID PRESENT.

Parameter Inventory for Station: YELL0369

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: YELL0370

NPS Station ID: YELL0370
LAT/LON: 44.951087/ 110.851420
Agency: 11NPSYSP
Date Created: 07/07/90
Location: GARDNER RIVER HEADWATERS
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100700000000005
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 10070001001300.00
RF3 Mile Point: 1.57
Distance from RF3: 0.01
On/Off RF3:
Description:
2 542.91 1.63 12.19
2901.72779.8 I-BROOK TROUT

Parameter Inventory for Station: YELL0370

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: YELL0371

NPS Station ID: YELL0371
LAT/LON: 44.951087/ 111.051587
Agency: 11NPSYSP
Date Created: 07/07/90
Location: BACON RIND CREEK 100 M FROM MOUTH
FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 501400000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020008
RF1 Mile Point: 0.000
Distance from RF1: 5.50
On/Off RF1:
RF3 Index: 10020008065400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.50
On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)= 4430.0 STREAM LENGTH (km)= 13.61 % GRADIENT= 5.33
HIGHEST ELEVATION (m)=2889.5 LOWEST ELEVATION (m)=2164.0 WESTSLOPE CUTTHROAT TROUT AND MOUNTAIN WHITEFISH PRESENT.

Parameter Inventory for Station: YELL0371

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: YELL0372

NPS Station ID: YELL0372
LAT/LON: 44.951115/ 110.610282
Agency: 112WRD
Date Created: / /
Location: SAND SP NR MAMMOTH YNP WYO
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06190010
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10070001001300.00
RF3 Mile Point: 0.21
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/70-06/23/70	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	06/23/70-06/23/70	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/23/70-06/23/70	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/23/70-06/23/70	1	217.	217.	217.	217.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/23/70-06/23/70	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/23/70-06/23/70	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/70-06/23/70	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/23/70-06/23/70	1	107.	107.	107.	107.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/23/70-06/23/70	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/23/70-06/23/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/23/70-06/23/70	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/23/70-06/23/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/23/70-06/23/70	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/23/70-06/23/70	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/23/70-06/23/70	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/23/70-06/23/70	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/23/70-06/23/70	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/23/70-06/23/70	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/70-06/23/70	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/70-06/23/70	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/23/70-06/23/70	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/23/70-06/23/70	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/23/70-06/23/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/23/70-06/23/70	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/23/70-06/23/70	1	152.	152.	152.	152.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/23/70-06/23/70	1	151.	151.	151.	151.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	06/23/70-06/23/70	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/23/70-06/23/70	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/23/70-06/23/70	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0372

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0373

NPS Station ID: YELL0373 LAT/LON: 44.951392/ 110.250170 Agency: 11NPSYSP Date Created: 05/24/86
Location: McBRIDE L.NE YNP 5.2KM UP SLOUGH CK TRAIL FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 103302000000064
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 19 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001164 RF1 Mile Point: 3.180 Distance from RF1: 17.50 On/Off RF1: ON
RF3 Index: 10070001075600.00 RF3 Mile Point: 3.33 Distance from RF3: 0.01 On/Off RF3:
Description:
ELEVATION (m)= 1999 CAPACITY (m cubed)= 326915 DRAINAGE AREA (ha)= 129.5 SURFACE AREA (ha)= 9.3
AVERAGE DEPTH (m)= 3.7 MAX DEPTH (m)= 6.7 NATIVE CUTTHROAT AND INTRODUCED LAKE CHUB; DENSE AND HEALTHY POPULATION
OF CUTTHROAT,NOT YET THREATENED BY CHUB, AND PROTECTED BY CATCH&RELEASE

Parameter Inventory for Station: YELL0373

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/75-09/26/75	1	12.2	12.2	12.2	12.2	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/26/75-09/26/75	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/26/75-09/26/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/26/75-09/26/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/26/75-09/26/75	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/26/75-09/26/75	1	8.75	8.75	8.75	8.75	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/26/75-09/26/75	1	8.75	8.75	8.75	8.75	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/75-09/26/75	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/26/75-09/26/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/26/75-09/26/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/26/75-09/26/75	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/26/75-09/26/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/26/75-09/26/75	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/26/75-09/26/75	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/26/75-09/26/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/26/75-09/26/75	1	118.	118.	118.	118.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/26/75-09/26/75	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/26/75-09/26/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/26/75-09/26/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/26/75-09/26/75	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/26/75-09/26/75	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/26/75-09/26/75	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	09/26/75-09/26/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/26/75-09/26/75	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/26/75-09/26/75	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/26/75-09/26/75	1	1.74	1.74	1.74	1.74	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/75-09/26/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/75-09/26/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/26/75-09/26/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/75-09/26/75	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/26/75-09/26/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0373

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/26/75-09/26/75	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/26/75-09/26/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/26/75-09/26/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/26/75-09/26/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/26/75-09/26/75	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/26/75-09/26/75	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0373

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0374

NPS Station ID: YELL0374
LAT/LON: 44.951392/ 110.611948
Agency: 112WRD
Date Created: / /
Location: SAND SP TR NR MAMMOTH, YNP, WYO
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06190020
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 8.70
On/Off RF1:
RF3 Index: 10070001024400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.34
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0374

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/70-06/23/70	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	06/23/70-06/23/70	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/23/70-06/23/70	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/23/70-06/23/70	1	383.	383.	383.	383.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/23/70-06/23/70	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/23/70-06/23/70	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/70-06/23/70	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/23/70-06/23/70	1	196.	196.	196.	196.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/23/70-06/23/70	1	239.	239.	239.	239.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/23/70-06/23/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/23/70-06/23/70	1	142.	142.	142.	142.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/23/70-06/23/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/23/70-06/23/70	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/23/70-06/23/70	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/23/70-06/23/70	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/23/70-06/23/70	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/23/70-06/23/70	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/23/70-06/23/70	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/70-06/23/70	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/70-06/23/70	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/23/70-06/23/70	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/23/70-06/23/70	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/23/70-06/23/70	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/23/70-06/23/70	1	60.	60.	60.	60.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/23/70-06/23/70	1	246.	246.	246.	246.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/23/70-06/23/70	1	249.	249.	249.	249.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	06/23/70-06/23/70	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/23/70-06/23/70	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/23/70-06/23/70	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: YELL0374

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0375

NPS Station ID: YELL0375
LAT/LON: 44.951531/ 110.850920
Agency: 11NPSYSP
Date Created: 07/07/90
Location: TRIBUTARY #1 OF GARDNER RIVER
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100733000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 10070001001300.00
RF3 Mile Point: 0.20
Distance from RF3: 0.08
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 59.88 STREAM LENGTH (km)= .82 % GRADIENT= 10.04
HIGHEST ELEVATION (m)=2874.3 LOWEST ELEVATION (m)=2792.0 I- BROOK TROUT

Parameter Inventory for Station: YELL0375

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: YELL0376

NPS Station ID: YELL0376 LAT/LON: 44.955559/ 110.591115 Agency: 112WRD Date Created: / /
Location: BLACKTAIL DEER C AB TR FROM BLACKTAIL P YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06189010
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001023 RF1 Mile Point: 3.230 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10070001086600.00 RF3 Mile Point: 1.75 Distance from RF3: 0.41 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0376

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/68-08/13/68	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/13/68-08/13/68	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/68-08/13/68	1	124.	124.	124.	124.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/13/68-08/13/68	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/13/68-08/13/68	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/68-08/13/68	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/68-08/13/68	1	61.	61.	61.	61.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/13/68-08/13/68	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/13/68-08/13/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/68-08/13/68	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/13/68-08/13/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/68-08/13/68	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/68-08/13/68	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/68-08/13/68	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/13/68-08/13/68	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/13/68-08/13/68	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/68-08/13/68	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/68-08/13/68	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/13/68-08/13/68	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/68-08/13/68	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/68-08/13/68	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/13/68-08/13/68	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/13/68-08/13/68	1	70.	70.	70.	70.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/13/68-08/13/68	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/13/68-08/13/68	1	93.	93.	93.	93.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/13/68-08/13/68	1	2.19	2.19	2.19	2.19	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/13/68-08/13/68	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/13/68-08/13/68	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: YELL0376

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: YELL0376

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0377

NPS Station ID: YELL0377 LAT/LON: 44.957505/ 111.021948 Agency: 112WRD Date Created: / /
Location: UNNAMED TR TO FAN C NR WYO-MONT S L, YNP, WYO FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06042935
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020008046 RF1 Mile Point: 2.040 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10020008004601.79 RF3 Mile Point: 2.12 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0377

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/69-08/22/69	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/22/69-08/22/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/69-08/22/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/69-08/22/69	1	214.	214.	214.	214.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/69-08/22/69	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/69-08/22/69	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/69-08/22/69	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/69-08/22/69	1	112.	112.	112.	112.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/22/69-08/22/69	1	136.	136.	136.	136.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/22/69-08/22/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/69-08/22/69	1	106.	106.	106.	106.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/69-08/22/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/69-08/22/69	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/69-08/22/69	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/69-08/22/69	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/22/69-08/22/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/22/69-08/22/69	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/69-08/22/69	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/69-08/22/69	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/69-08/22/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/69-08/22/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/69-08/22/69	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/22/69-08/22/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/22/69-08/22/69	1	160.	160.	160.	160.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/69-08/22/69	1	146.	146.	146.	146.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/22/69-08/22/69	1	1.99	1.99	1.99	1.99	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/69-08/22/69	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/69-08/22/69	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: YELL0377

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0377

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0378

NPS Station ID: YELL0378 LAT/LON: 44.958338/ 111.024449 Agency: 112WRD Date Created: / /
Location: FAN C AB UNNMED TR NR WYO-MONT STATELINE, YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06042930
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020008046 RF1 Mile Point: 2.140 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10020008004501.17 RF3 Mile Point: 2.66 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0378

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/69-08/22/69	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/22/69-08/22/69	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/22/69-08/22/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/69-08/22/69	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/69-08/22/69	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/69-08/22/69	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/69-08/22/69	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/69-08/22/69	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/22/69-08/22/69	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/22/69-08/22/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/69-08/22/69	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/69-08/22/69	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/69-08/22/69	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/69-08/22/69	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/69-08/22/69	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/22/69-08/22/69	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/22/69-08/22/69	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/69-08/22/69	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/69-08/22/69	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/69-08/22/69	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/69-08/22/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/69-08/22/69	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/22/69-08/22/69	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/22/69-08/22/69	1	124.	124.	124.	124.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/69-08/22/69	1	118.	118.	118.	118.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/22/69-08/22/69	1	10.7	10.7	10.7	10.7	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/69-08/22/69	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/22/69-08/22/69	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: YELL0378

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0378

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0379

NPS Station ID: YELL0379
LAT/LON: 44.958615/ 110.594449
Agency: 112WRD
Date Created: / /
Location: UNNAMED TR FROM BLACKTAIL P YNP, WY
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06189020
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001023
RF1 Mile Point: 2.880
Distance from RF1: 2.50
On/Off RF1: OFF
RF3 Index: 10070001012900.00
RF3 Mile Point: 0.23
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0379

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/70-06/23/70	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	06/23/70-06/23/70	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/23/70-06/23/70	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/23/70-06/23/70	1	395.	395.	395.	395.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/23/70-06/23/70	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/23/70-06/23/70	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/70-06/23/70	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/23/70-06/23/70	1	207.	207.	207.	207.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/23/70-06/23/70	1	252.	252.	252.	252.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/23/70-06/23/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/23/70-06/23/70	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/23/70-06/23/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/23/70-06/23/70	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/23/70-06/23/70	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/23/70-06/23/70	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/23/70-06/23/70	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/23/70-06/23/70	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/23/70-06/23/70	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/70-06/23/70	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/70-06/23/70	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/23/70-06/23/70	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/23/70-06/23/70	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/23/70-06/23/70	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/23/70-06/23/70	1	60.	60.	60.	60.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/23/70-06/23/70	1	248.	248.	248.	248.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/23/70-06/23/70	1	238.	238.	238.	238.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	06/23/70-06/23/70	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/23/70-06/23/70	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/23/70-06/23/70	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: YELL0379

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
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: YELL0380

NPS Station ID: YELL0380 LAT/LON: 44.961670/ 110.590559 Agency: 112WRD Date Created: / /
Location: BLACKTAIL DEER C BL TR FROM BLACKTAIL P YNP, WY FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06189030
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001023 RF1 Mile Point: 2.780 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10070001002302.17 RF3 Mile Point: 2.69 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/68-10/20/70	8	6.	7.	16.	0.5	26.214	5.12	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/13/68-10/20/70	8	9.5	19.125	83.	4.	700.696	26.471	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/20/69-10/20/70	7	10.	21.714	70.	5.	553.905	23.535	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/68-10/20/70	8	139.	134.875	188.	95.	875.839	29.595	**	**	**	**
00400	PH (STANDARD UNITS)	08/13/68-10/20/70	8	7.3	7.238	7.8	6.6	0.151	0.389	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/13/68-10/20/70	8	7.289	7.084	7.8	6.6	0.178	0.422	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/68-10/20/70	8	0.051	0.082	0.251	0.016	0.006	0.078	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/68-10/20/70	8	67.	64.75	91.	43.	218.214	14.772	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/13/68-10/20/70	8	82.	79.	111.	53.	322.286	17.952	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/13/68-10/20/70	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/68-10/20/70	8	57.5	57.	83.	41.	174.	13.191	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/13/68-10/20/70	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/68-10/20/70	8	12.5	13.75	21.	11.	11.071	3.327	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/68-10/20/70	8	5.85	5.488	7.4	2.7	2.304	1.518	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/68-10/20/70	8	6.55	6.275	8.2	3.8	2.976	1.725	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/13/68-10/20/70	8	0.35	0.363	0.5	0.3	0.006	0.074	**	**	**	**
00932	SODIUM, PERCENT	08/13/68-10/20/70	8	18.5	18.75	23.	16.	6.214	2.493	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/68-10/20/70	8	1.45	1.55	2.2	1.2	0.137	0.37	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/13/68-10/20/70	8	0.9	1.1	3.	0.6	0.611	0.782	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/13/68-10/20/70	8	3.5	3.6	7.	0.8	6.994	2.645	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/68-10/20/70	8	0.3	0.288	0.4	0.	0.016	0.125	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/68-10/20/70	8	29.5	32.	46.	22.	77.143	8.783	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/13/68-10/20/70	8	10.	10.	30.	0.	85.714	9.258	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/13/68-10/20/70	8	130.	161.25	270.	70.	5383.929	73.375	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/13/68-07/21/70	7	120.	110.857	124.	90.	191.81	13.85	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/13/68-10/20/70	8	103.	103.375	126.	71.	337.982	18.384	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/13/68-10/20/70	8	2.785	5.299	21.1	1.2	44.395	6.663	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/13/68-10/20/70	8	0.16	0.153	0.17	0.12	0.	0.018	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/13/68-10/20/70	8	0.1	0.213	0.7	0.	0.058	0.242	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0380

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	8	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	8	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	8	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00

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

Station Inventory for Station: YELL0381

NPS Station ID: YELL0381
LAT/LON: 44.964448/ 110.250005
Agency: 12WLS1
Date Created: 09/03/88
Location: MC BRIDE LAKE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4D3-013
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 22
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10070006014505.71
RF3 Mile Point: 5.71
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0381

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/85-09/23/85	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/23/85-09/23/85	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/23/85-09/23/85	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/85-09/23/85	1	138.	138.	138.	138.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/23/85-09/23/85	1	0.855	0.855	0.855	0.855	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/23/85-09/23/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/23/85-09/23/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/85-09/23/85	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/23/85-09/23/85	1	1521.7	1521.7	1521.7	1521.7	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/23/85-09/23/85	1	95.1	95.1	95.1	95.1	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/23/85-09/23/85	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/23/85-09/23/85	1	13.8	13.8	13.8	13.8	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/23/85-09/23/85	1	21.9	21.9	21.9	21.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/85-09/23/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/85-09/23/85	1	1.76	1.76	1.76	1.76	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/85-09/23/85	1	1.43	1.43	1.43	1.43	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/23/85-09/23/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/85-09/23/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/85-09/23/85	1	22.8	22.8	22.8	22.8	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/23/85-09/23/85	1	49.	49.	49.	49.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/23/85-09/23/85	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/23/85-09/23/85	1	0.113	0.113	0.113	0.113	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/23/85-09/23/85	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/23/85-09/23/85	1	233.	233.	233.	233.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/23/85-09/23/85	1	6584.02	6584.02	6584.02	6584.02	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/23/85-09/23/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/23/85-09/23/85	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0381

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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	1	1.00										1	1	1.00
		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: YELL0381

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00										1	0	0.00
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
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0382

NPS Station ID: YELL0382 LAT/LON: 44.967476/ 110.616948 Agency: 11NPSYSP Date Created: 05/24/86
Location: MT. EVERTS L. #1 N.CENTRAL YNP S.EDGE MT.EVERTS FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 101700000000053
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 22 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 11.40 On/Off RF1:
RF3 Index: 10070001023100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.60 On/Off RF3:
Description:
ELEVATION (m)= 2211 CAPACITY (m cubed)= 127253 DRAINAGE AREA (ha)= 424.1 SURFACE AREA (ha)= 4.9
AVERAGE DEPTH (m)= 2.6 MAX DEPTH (m)= 7.6 0 FISH; IN 1937 8,000 CUTTHROAT WERE STOCKED, BUT DUE TO LACK OF SPAWNIN
G HABITAT AND SHALLOW DEPTH IT HAS RETURNED TO ORIGINAL FISHLESS STATE

Parameter Inventory for Station: YELL0382

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/04/76-08/04/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/04/76-08/04/76	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/04/76-08/04/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/04/76-08/04/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/76-08/04/76	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/04/76-08/04/76	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/04/76-08/04/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/04/76-08/04/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/04/76-08/04/76	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/04/76-08/04/76	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/04/76-08/04/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/04/76-08/04/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/04/76-08/04/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/04/76-08/04/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/04/76-08/04/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/04/76-08/04/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/04/76-08/04/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/04/76-08/04/76	1	2.16	2.16	2.16	2.16	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/04/76-08/04/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/04/76-08/04/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/04/76-08/04/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/04/76-08/04/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/04/76-08/04/76	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/04/76-08/04/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/04/76-08/04/76	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/04/76-08/04/76	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/04/76-08/04/76	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/04/76-08/04/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/04/76-08/04/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/04/76-08/04/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/04/76-08/04/76	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

Parameter Inventory for Station: YELL0382

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	08/04/76-08/04/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-08/04/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/04/76-08/04/76	1	13.8	13.8	13.8	13.8	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/04/76-08/04/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/04/76-08/04/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/04/76-08/04/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/04/76-08/04/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/04/76-08/04/76	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0382

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0383

NPS Station ID: YELL0383 LAT/LON: 44.967531/ 110.800976 Agency: 11NPSYSP Date Created: 05/24/86
Location: CACHE L. NE SOLFATARA PLATEAU CENTRAL YNP FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100200000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 9 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001009 RF1 Mile Point: 2.380 Distance from RF1: 0.50 On/Off RF1: OFF
RF3 Index: 10070002111800.00 RF3 Mile Point: 0.02 Distance from RF3: 0.01 On/Off RF3:
Description:
ELEVATION (m)=2453.6 CAPACITY (m cubed)= 85111 DRAINAGE AREA (ha)= 190 SURFACE AREA (ha)= 6.5
AVERAGE DEPTH (m)= 1.2 MAX DEPTH (m)= 3.6 0 FISH; POSSIBLE UNOFFICIAL STOCKING,BUT DUE TO WINTERKILL IT HAS RETURN
ED TO ORIGINAL FISHLESS STATE.

Parameter Inventory for Station: YELL0383

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/74-09/18/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/18/74-09/18/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/18/74-09/18/74	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/18/74-09/18/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/18/74-09/18/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/18/74-09/18/74	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/18/74-09/18/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/18/74-09/18/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/18/74-09/18/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/74-09/18/74	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/18/74-09/18/74	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/18/74-09/18/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/18/74-09/18/74	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/18/74-09/18/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/18/74-09/18/74	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/18/74-09/18/74	1	124.	124.	124.	124.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/18/74-09/18/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/18/74-09/18/74	1	177.	177.	177.	177.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/18/74-09/18/74	1	1.42	1.42	1.42	1.42	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/18/74-09/18/74	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/74-09/18/74	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/18/74-09/18/74	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/74-09/18/74	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/18/74-09/18/74	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	09/18/74-09/18/74	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/18/74-09/18/74	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/18/74-09/18/74	1	127.	127.	127.	127.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/18/74-09/18/74	1	2.04	2.04	2.04	2.04	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/74-09/18/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/74-09/18/74	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/18/74-09/18/74	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0383

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/74-09/18/74	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/18/74-09/18/74	1	300.	300.	300.	300.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/18/74-09/18/74	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/18/74-09/18/74	1	0.062	0.062	0.062	0.062	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/18/74-09/18/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/18/74-09/18/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/18/74-09/18/74	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: YELL0383

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0384

NPS Station ID: YELL0384 LAT/LON: 44.967781/ 110.483865 Agency: 11NPSYSP Date Created: 05/24/86
Location: GEODE L. N.YNP RIM OF BLACK CANYON OF YELL.RIVER FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 102200000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 9 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001024 RF1 Mile Point: 6.160 Distance from RF1: 12.30 On/Off RF1: OFF
RF3 Index: 10070001023100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.47 On/Off RF3:
Description:
ELEVATION (m)= 1823 CAPACITY (m cubed)= 75374 DRAINAGE AREA (ha)= 48 SURFACE AREA (ha)= 5.3
AVERAGE DEPTH (m)= 1.4 MAX DEPTH (m)= 3.4 0 FISH; NO OFFICIAL STOCKING, DUE TO SHALLOW DEPTH AND NO SPAWNING HABIT
AT IT REMAINS FISHLESS.

Parameter Inventory for Station: YELL0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/79-08/30/79	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/30/79-08/30/79	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/30/79-08/30/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/30/79-08/30/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/30/79-08/30/79	1	1750.	1750.	1750.	1750.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/30/79-08/30/79	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/30/79-08/30/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/30/79-08/30/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/79-08/30/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/79-08/30/79	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/30/79-08/30/79	1	222.	222.	222.	222.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/30/79-08/30/79	1	649.	649.	649.	649.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/30/79-08/30/79	1	444.	444.	444.	444.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/30/79-08/30/79	1	1093.	1093.	1093.	1093.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/30/79-08/30/79	1	1333.	1333.	1333.	1333.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/30/79-08/30/79	1	271.	271.	271.	271.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/30/79-08/30/79	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/79-08/30/79	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/30/79-08/30/79	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/79-08/30/79	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/30/79-08/30/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	08/30/79-08/30/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/79-08/30/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/30/79-08/30/79	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/79-08/30/79	1	174.	174.	174.	174.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/30/79-08/30/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/30/79-08/30/79	1	144.	144.	144.	144.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/30/79-08/30/79	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/30/79-08/30/79	1	460.	460.	460.	460.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/30/79-08/30/79	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/30/79-08/30/79	1	54.	54.	54.	54.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	08/30/79-08/30/79	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/30/79-08/30/79	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/79-08/30/79	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/30/79-08/30/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/30/79-08/30/79	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/30/79-08/30/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/30/79-08/30/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/30/79-08/30/79	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/30/79-08/30/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/30/79-08/30/79	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: YELL0384

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	1	1.00										1	1	1.00
		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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0385

NPS Station ID: YELL0385
LAT/LON: 44.967865/ 110.433921
Agency: 11NPSYSP
Date Created: 07/07/90
Location: HELLROARING CR. 3.7 KM FROM MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 102600000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.50
On/Off RF1:
RF3 Index: 10070001021000.00
RF3 Mile Point: 0.28
Distance from RF3: 0.25
On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)=37678.63 STREAM LENGTH (km)= 38.9 % GRADIENT= 2.31
HIGHEST ELEVATION (m)=2727.9 LOWEST ELEVATION (m)=1828.8 INTRODUCED CUTTHROAT X RAINBOW TROUT HYBRID PRESENT.

Parameter Inventory for Station: YELL0385

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: YELL0386

NPS Station ID: YELL0386 LAT/LON: 44.968060/ 110.679448 Agency: 112WRD Date Created: 02/04/89
Location: GARDNER R AB MAMMOTH SP OUTFLOW NR MAMMOTH YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06190370
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 9.60 On/Off RF1:
RF3 Index: 10070001027000.00 RF3 Mile Point: 0.00 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/88-12/02/92	42	4.5	4.764	13.	0.	17.413	4.173	0.	0.375	8.25	11.
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/14/88-12/02/92	33	92.	127.788	575.	45.	11214.922	105.901	58.6	72.5	122.5	301.6
00065	STAGE, STREAM (FEET)	10/04/90-05/08/91	5	0.67	0.682	0.99	0.46	0.04	0.199	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/88-10/20/92	41	227.	222.073	293.	133.	1671.22	40.881	149.6	201.5	251.	272.
00403	PH, LAB, STANDARD UNITS SU	10/05/88-06/26/91	6	8.2	8.083	8.2	7.8	0.034	0.183	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/05/88-06/26/91	6	8.2	8.048	8.2	7.8	0.035	0.187	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/88-06/26/91	6	0.006	0.009	0.016	0.006	0.	0.004	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/88-06/26/91	6	25.	24.167	28.	19.	13.767	3.71	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/05/88-06/26/91	6	5.75	5.65	7.2	3.9	1.747	1.322	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/05/88-06/26/91	6	7.3	7.2	11.	3.3	10.188	3.192	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/05/88-06/26/91	6	1.95	1.817	2.6	0.9	0.47	0.685	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/88-12/02/92	40	5.	5.1	8.	1.	3.169	1.78	2.	4.	6.75	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/88-09/09/92	38	19.	17.868	30.	7.	36.009	6.001	8.9	13.	22.	25.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/05/88-06/26/91	9	1.	0.978	1.5	0.5	0.092	0.303	0.5	0.7	1.15	1.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/05/88-06/26/91	6	22.	21.5	28.	13.	36.7	6.058	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/05/88-06/26/91	6	75.	71.667	110.	30.	1256.667	35.449	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/05/88-06/26/91	6	29.	53.333	180.	18.	3897.467	62.43	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0386

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	6	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	40	0	0.00	18	0	0.00	6	0	0.00	7	0	0.00	9	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	38	0	0.00	17	0	0.00	6	0	0.00	7	0	0.00	8	0	0.00

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

Station Inventory for Station: YELL0387

NPS Station ID: YELL0387
LAT/LON: 44.968337/ 110.700559
Agency: 112WRD
Date Created: / /
Location: MAMMOTH H SP NR MAMMOTH YNP, WYO
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06190400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001004
RF1 Mile Point: 4.560
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 10070001001200.00
RF3 Mile Point: 0.87
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0387

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/68-05/23/68	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/68-05/23/68	1	1430.	1430.	1430.	1430.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/68-05/23/68	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/68-05/23/68	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/68-05/23/68	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/68-05/23/68	1	199.	199.	199.	199.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/23/68-05/23/68	1	243.	243.	243.	243.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/23/68-05/23/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/23/68-05/23/68	1	545.	545.	545.	545.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/23/68-05/23/68	1	346.	346.	346.	346.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/23/68-05/23/68	1	139.	139.	139.	139.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/68-05/23/68	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/23/68-05/23/68	1	82.	82.	82.	82.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/23/68-05/23/68	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/23/68-05/23/68	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/68-05/23/68	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/23/68-05/23/68	1	107.	107.	107.	107.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/23/68-05/23/68	1	411.	411.	411.	411.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/23/68-05/23/68	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/23/68-05/23/68	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/23/68-05/23/68	1	2100.	2100.	2100.	2100.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/23/68-05/23/68	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/23/68-05/23/68	1	1030.	1030.	1030.	1030.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/23/68-05/23/68	1	985.	985.	985.	985.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/23/68-05/23/68	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/23/68-05/23/68	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: YELL0387

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						

& - 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: YELL0387

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00				1	1	1.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: YELL0388

NPS Station ID: YELL0388 LAT/LON: 44.968893/ 110.683893 Agency: 112WRD Date Created: 02/04/89
Location: MAMMOTH SP OUTFLOW AT MAMMOTH YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06190415
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 1.40 On/Off RF1:
RF3 Index: 10070001000401.81 RF3 Mile Point: 5.27 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0388

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/88-01/12/93	43	13.	14.019	25.	4.	28.214	5.312	7.34	10.2	18.	21.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/14/88-01/12/93	43	2.	1.712	2.	0.9	0.221	0.47	0.94	1.	2.	2.
00065	STAGE, STREAM (FEET)	10/04/90-01/12/93	21	0.4	0.406	0.49	0.36	0.001	0.03	0.37	0.38	0.42	0.44
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/88-01/12/93	43	2020.	2024.651	2150.	1920.	2601.661	51.006	1964.	1990.	2050.	2096.
00403	PH, LAB, STANDARD UNITS SU	10/06/88-06/26/91	6	7.9	7.917	8.1	7.8	0.018	0.133	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/88-06/26/91	6	7.889	7.9	8.1	7.8	0.018	0.134	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/88-06/26/91	6	0.013	0.013	0.016	0.008	0.	0.004	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/06/88-06/26/91	6	170.	168.333	170.	160.	16.667	4.082	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/06/88-06/26/91	6	78.	77.833	84.	71.	18.567	4.309	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/06/88-06/26/91	6	130.	130.	140.	120.	40.	6.325	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/06/88-06/26/91	6	57.	55.667	63.	43.	46.267	6.802	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/88-01/12/93	40	170.	171.5	190.	160.	59.231	7.696	160.	170.	180.	180.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/88-09/09/92	38	640.	635.526	740.	530.	2003.77	44.763	579.	600.	650.	701.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/06/88-06/26/91	9	2.1	1.878	2.4	0.	0.547	0.74	0.	1.8	2.25	2.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/06/88-06/26/91	6	49.5	49.667	52.	47.	5.067	2.251	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/06/88-06/26/91	6	10.5	11.75	20.	1.5	52.575	7.251	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0388

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Other-Hi Lim.	9.	6	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	40	0	0.00	18	0	0.00	6	0	0.00	7	0	0.00	9	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	38	38	1.00	17	17	1.00	6	6	1.00	7	7	1.00	8	8	1.00

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

Station Inventory for Station: YELL0389

NPS Station ID: YELL0389
LAT/LON: 44.974727/ 110.701948
Agency: 112WRD
Date Created: 10/27/90
Location: CLEMATIS CREEK AT MAMMOTH, YNP
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06190530
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 1.10
On/Off RF1:
RF3 Index: 10020008004000.00
RF3 Mile Point: 3.37
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0389

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/16/90-09/09/92	18	11.	12.672	25.1	1.	48.808	6.986	4.15	7.25	19.3	22.49
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/16/90-09/09/92	18	0.2	0.574	3.	0.06	0.612	0.783	0.078	0.175	0.925	2.1
00065	STAGE, STREAM (FEET)	10/04/90-03/24/92	10	0.3	0.318	0.59	0.2	0.012	0.109	0.203	0.238	0.345	0.567
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/16/90-09/09/92	17	515.	725.647	1900.	245.	253319.743	503.309	274.6	362.5	974.	1676.
00403	PH, LAB, STANDARD UNITS SU	11/15/90-06/26/91	2	8.05	8.05	8.2	7.9	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/15/90-06/26/91	2	8.025	8.025	8.2	7.9	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/90-06/26/91	2	0.009	0.009	0.013	0.006	0.	0.004	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/15/90-06/26/91	2	44.	44.	57.	31.	338.	18.385	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/15/90-06/26/91	2	13.3	13.3	18.	8.6	44.18	6.647	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/15/90-06/26/91	2	19.	19.	25.	13.	72.	8.485	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/15/90-06/26/91	2	2.45	2.45	3.	1.9	0.605	0.778	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/13/90-09/09/92	17	16.	39.059	140.	2.	2245.184	47.383	2.	3.	69.5	132.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/13/90-09/09/92	17	120.	190.294	560.	45.	27333.096	165.327	49.8	70.	285.	536.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/90-06/26/91	3	0.3	0.3	0.4	0.2	0.01	0.1	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/15/90-06/26/91	2	23.5	23.5	25.	22.	4.5	2.121	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/15/90-06/26/91	2	35.	35.	40.	30.	50.	7.071	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/15/90-06/26/91	2	38.5	38.5	41.	36.	12.5	3.536	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0389

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
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			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	17	0	0.00	5	0	0.00	3	0	0.00	5	0	0.00	4	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	17	2	0.12	5	2	0.40	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: YELL0390

NPS Station ID: YELL0390 LAT/LON: 44.981392/ 110.685838 Agency: 112WRD Date Created: 02/04/89
Location: GARDNER R SINKHOLE DIV AT MAMMOTH YNP FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06190525
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.60 On/Off RF1:
RF3 Index: 10070001000401.81 RF3 Mile Point: 5.07 Distance from RF3: 0.19 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0390

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/88-09/09/92	37	7.	6.322	16.5	0.	24.822	4.982	0.	1.	10.5	12.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/05/88-09/09/92	34	8.	7.588	11.	4.	3.886	1.971	4.	6.	9.	10.
00065	STAGE, STREAM (FEET)	10/04/90-09/09/92	11	1.59	1.651	2.9	1.05	0.252	0.502	1.074	1.2	1.89	2.698
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/88-09/09/92	37	265.	255.432	362.	150.	3016.363	54.921	157.4	210.5	299.	313.4
00403	PH, LAB, STANDARD UNITS SU	06/06/89-06/26/91	5	8.2	8.2	8.4	8.	0.025	0.158	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/06/89-06/26/91	5	8.2	8.177	8.4	8.	0.026	0.16	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/89-06/26/91	5	0.006	0.007	0.01	0.004	0.	0.002	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/06/89-06/26/91	5	23.	25.	30.	20.	22.	4.69	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/06/89-06/26/91	5	5.4	6.18	8.1	4.4	2.897	1.702	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/06/89-06/26/91	5	6.1	7.92	12.	4.	14.457	3.802	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/06/89-06/26/91	5	2.	2.4	3.6	1.4	1.06	1.03	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/05/88-09/09/92	35	8.	8.	13.	2.	9.471	3.077	3.	6.	10.	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/05/88-09/09/92	35	29.	28.943	48.	10.	127.879	11.308	11.6	18.	37.	44.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/06/89-06/26/91	8	1.1	1.	1.3	0.5	0.091	0.302	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/06/89-06/26/91	5	19.	21.	28.	14.	34.	5.831	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/06/89-06/26/91	5	80.	108.	180.	40.	3970.	63.008	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/06/89-06/26/91	5	33.	37.6	71.	12.	499.3	22.345	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0390

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	5	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	5	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	35	0	0.00	15	0	0.00	6	0	0.00	7	0	0.00	7	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	35	0	0.00	15	0	0.00	6	0	0.00	7	0	0.00	7	0	0.00

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

Station Inventory for Station: YELL0391

NPS Station ID: YELL0391 LAT/LON: 44.983642/ 110.583393 Agency: 11NPSYSP Date Created: 07/07/90
Location: BLACKTAIL DEER CREEK 1.4 KM ABOVE MOUTH FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 101700000000002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 9.40 On/Off RF1:
RF3 Index: 10070001111600.00 RF3 Mile Point: 1.12 Distance from RF3: 0.53 On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 9198.8 STREAM LENGTH (km)= 17.7 % GRADIENT= 4.93
HIGHEST ELEVATION (m)=2554.2 LOWEST ELEVATION (m)=1690.9 NATIVE AND INTRODUCED CUTTHROAT TROUT, AND INTRODUCED BROOK TROUT PRESENT.

Parameter Inventory for Station: YELL0391

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: YELL0392

NPS Station ID: YELL0392 LAT/LON: 44.984059/ 110.184948 Agency: 11NPSYSP Date Created: 07/07/90
Location: SLOUGH CREEK ABOVE CONFLUENCE WITH ELK TONGUE CK FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 103302000000037
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 2.20 On/Off RF1:
RF3 Index: 10070001025900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.28 On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)=42480.91 STREAM LENGTH (km)= 44.6 % GRADIENT= 2.18
HIGHEST ELEVATION (m)= 2972 LOWEST ELEVATION (m)=1999.5 NATIVE CUTTHROAT

Parameter Inventory for Station: YELL0392

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: YELL0393

NPS Station ID: YELL0393 LAT/LON: 44.984087/ 110.017032 Agency: 11NPSYSP Date Created: 07/07/90
Location: SODA BUTTE CREEK AT NORTH EAST ENTRANCE FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 103317000000005
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 9.30 On/Off RF1:
RF3 Index: 10070001016100.00 RF3 Mile Point: 8.14 Distance from RF3: 1.31 On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 7062.67 STREAM LENGTH (km)= 7.7 % GRADIENT= 1.35
HIGHEST ELEVATION (m)= 2347 LOWEST ELEVATION (m)=2243.3 INTRODUCED CUTTHROAT X RAINBOW HYBRID

Parameter Inventory for Station: YELL0393

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: YELL0394

NPS Station ID: YELL0394
LAT/LON: 44.984087/ 110.551366
Agency: 11NPSYSP
Date Created: 07/07/90
Location: OXBOW CREEK AT CONFLUENCE
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 101800000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 2.90
On/Off RF1:
RF3 Index: 10070001002305.20
RF3 Mile Point: 7.21
Distance from RF3: 0.03
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1829.21 STREAM LENGTH (km)= 13.3 % GRADIENT= 6.68
HIGHEST ELEVATION (m)=2584.7 LOWEST ELEVATION (m)=1695.8

Parameter Inventory for Station: YELL0394

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: YELL0395

NPS Station ID: YELL0395 LAT/LON: 44.984198/ 110.018059 Agency: 11NPSYSP Date Created: 07/07/90
Location: SODA BUTTE AT CONFLUENCE WITH WARM CREEK FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 103317000000004
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 1.20 On/Off RF1:
RF3 Index: 10070001016000.00 RF3 Mile Point: 0.27 Distance from RF3: 0.24 On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 7613.98 STREAM LENGTH (km)= 9.7 % GRADIENT= 1.32
HIGHEST ELEVATION (m)= 2347 LOWEST ELEVATION (m)= 2218 INTRODUCED CUTTHROAT X RAINBOW HYBRID

Parameter Inventory for Station: YELL0395

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: YELL0396

NPS Station ID: YELL0396
LAT/LON: 44.984255/ 111.067754
Agency: 11NPSYSP
Date Created: 07/07/90
Location: SNOWSLIDE CREEK AT CONFLUENCE
FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 501000000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020008
RF1 Mile Point: 0.000
Distance from RF1: 2.70
On/Off RF1:
RF3 Index: 10020008062500.00
RF3 Mile Point: 0.25
Distance from RF3: 0.22
On/Off RF3:
Description:
STREAM ORDER=3 WATERSHED SIZE (ha)=2492.58 STREAM LENGTH (km)= 8.7 % GRADIENT= 7.57
HIGHEST ELEVATION (m)=2779.8 LOWEST ELEVATION (m)=2121.0

Parameter Inventory for Station: YELL0396

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: YELL0397

NPS Station ID: YELL0397
LAT/LON: 44.984309/ 110.684281
Agency: 11NPSYSP
Date Created: 07/07/90
Location: GARDNER RIVER AT 45TH PARALLEL
FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100700000000002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 3.20
On/Off RF1:
RF3 Index: 10070001071200.00
RF3 Mile Point: 0.65
Distance from RF3: 0.34
On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)=51048.19 STREAM LENGTH (km)= 36.2 % GRADIENT= 3.23
HIGHEST ELEVATION (m)=2901.7 LOWEST ELEVATION (m)=1731.3 NATIVE MOUNTAIN WHITEFISH, AND INTRODUCED BROOK, BROWN, RAINBOW, AND
CUTTHROAT X RAINBOW TROUT HYBRID PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0397

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: YELL0398

NPS Station ID: YELL0398 LAT/LON: 44.984309/ 110.717088 Agency: 11NPSYSP Date Created: 05/24/86
Location: MAMMOTH BEAVER POND(LITTLE) N.YNP E.OF SEPULCHER FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100700000000056
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 16 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 12.00 On/Off RF1:
RF3 Index: 10070001071301.35 RF3 Mile Point: 1.34 Distance from RF3: 0.06 On/Off RF3:
Description:
ELEVATION (m)= 1987 CAPACITY (m cubed)= 22206 DRAINAGE AREA (ha)= 44.5 SURFACE AREA (ha)= .8
AVERAGE DEPTH (m)= 2.7 MAX DEPTH (m)= 5.5 0 FISH; INTENSIVE STOCKING OF GRAYLING,BROOK AND RAINBOW TROUT, BUT DUE
TO WINTERKILL AND POOR SPAWNING HABITAT IT HAS RETURNED TO FISHLESS STAT

Parameter Inventory for Station: YELL0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/17/75-07/17/75	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/17/75-07/17/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/17/75-07/17/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/75-07/17/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/17/75-07/17/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/17/75-07/17/75	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/17/75-07/17/75	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/17/75-07/17/75	1	7.25	7.25	7.25	7.25	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/17/75-07/17/75	1	7.25	7.25	7.25	7.25	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/17/75-07/17/75	1	0.056	0.056	0.056	0.056	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/17/75-07/17/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/17/75-07/17/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/17/75-07/17/75	1	93.	93.	93.	93.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/17/75-07/17/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/17/75-07/17/75	1	93.	93.	93.	93.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/17/75-07/17/75	1	113.	113.	113.	113.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/17/75-07/17/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/17/75-07/17/75	1	156.	156.	156.	156.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/17/75-07/17/75	1	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/17/75-07/17/75	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/17/75-07/17/75	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/17/75-07/17/75	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/75-07/17/75	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/17/75-07/17/75	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	07/17/75-07/17/75	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/17/75-07/17/75	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/17/75-07/17/75	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/17/75-07/17/75	1	0.72	0.72	0.72	0.72	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/75-07/17/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/75-07/17/75	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/17/75-07/17/75	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

Parameter Inventory for Station: YELL0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/17/75-07/17/75	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/17/75-07/17/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/17/75-07/17/75	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/17/75-07/17/75	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/17/75-07/17/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/17/75-07/17/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/17/75-07/17/75	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: YELL0398

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00							1	0	0.00			
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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0399

NPS Station ID: YELL0399
LAT/LON: 44.984338/ 110.516781
Agency: 11NPSYSP
Date Created: 07/07/90
Location: COTTONWOOD CR. AT TRAIL CROSSING
FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 102100000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.40
On/Off RF1:
RF3 Index: 10070001002203.53
RF3 Mile Point: 3.52
Distance from RF3: 0.06
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1890.2 STREAM LENGTH (km)= 6.2 % GRADIENT= 17.10
HIGHEST ELEVATION (m)=2755.4 LOWEST ELEVATION (m)=1694.7 NATIVE CUTTHROAT TROUT PRESENT.

Parameter Inventory for Station: YELL0399

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: YELL0400

NPS Station ID: YELL0400
LAT/LON: 44.985005/ 110.688337
Agency: 112WRD
Date Created: / /
Location: HOT RIVER AT MAMMOTH YNP
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06190540
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 15.90
On/Off RF1:
RF3 Index: 10070001071400.00
RF3 Mile Point: 2.68
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0400

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/71-01/12/93	58	43.	43.836	55.	39.2	8.796	2.966	40.95	41.9	46.	48.
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/14/88-01/12/93	56	27.	26.375	30.	18.	4.384	2.094	23.7	25.	28.	28.3
00065	STAGE, STREAM (FEET)	10/03/90-01/12/93	25	1.3	1.303	1.36	1.24	0.001	0.028	1.27	1.285	1.325	1.34
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/67-01/12/93	59	1660.	1625.763	2090.	0.	106666.219	326.598	1550.	1600.	1750.	1840.
00400	PH (STANDARD UNITS)	05/11/67-05/11/67	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/11/67-05/11/67	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/67-05/11/67	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/05/88-06/26/91	6	6.9	6.917	7.2	6.7	0.03	0.172	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/05/88-06/26/91	6	6.9	6.89	7.2	6.7	0.031	0.175	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/88-06/26/91	6	0.126	0.129	0.2	0.063	0.002	0.047	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/11/67-05/11/67	1	171.	171.	171.	171.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/11/67-05/11/67	1	208.	208.	208.	208.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/11/67-05/11/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/11/67-05/11/67	1	629.	629.	629.	629.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/11/67-05/11/67	1	458.	458.	458.	458.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/67-06/26/91	7	170.	176.571	210.	156.	282.286	16.801	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/67-06/26/91	7	51.	51.143	59.	47.	21.476	4.634	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/67-06/26/91	7	86.	90.857	117.	79.	176.476	13.284	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/11/67-05/11/67	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/11/67-05/11/67	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/67-06/26/91	7	38.	38.286	51.	29.	50.571	7.111	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	05/11/67-01/12/93	42	110.	111.167	149.	0.	399.118	19.978	100.	110.	120.	127.
00945p	SULFATE, TOTAL (MG/L AS SO4)	05/11/67-09/09/92	39	420.	419.41	547.	0.	6484.617	80.527	370.	400.	460.	480.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/11/67-06/26/91	10	2.3	2.26	2.5	1.7	0.052	0.227	1.75	2.2	2.425	2.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/11/67-06/26/91	7	44.	43.286	48.	39.	11.905	3.45	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/11/67-05/11/67	1	3200.	3200.	3200.	3200.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/05/88-06/26/91	6	20.5	25.25	57.	1.5	356.175	18.873	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/11/67-05/11/67	1	1240.	1240.	1240.	1240.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/11/67-05/11/67	1	1.69	1.69	1.69	1.69	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/67-05/11/67	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	03/03/71-03/03/71	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

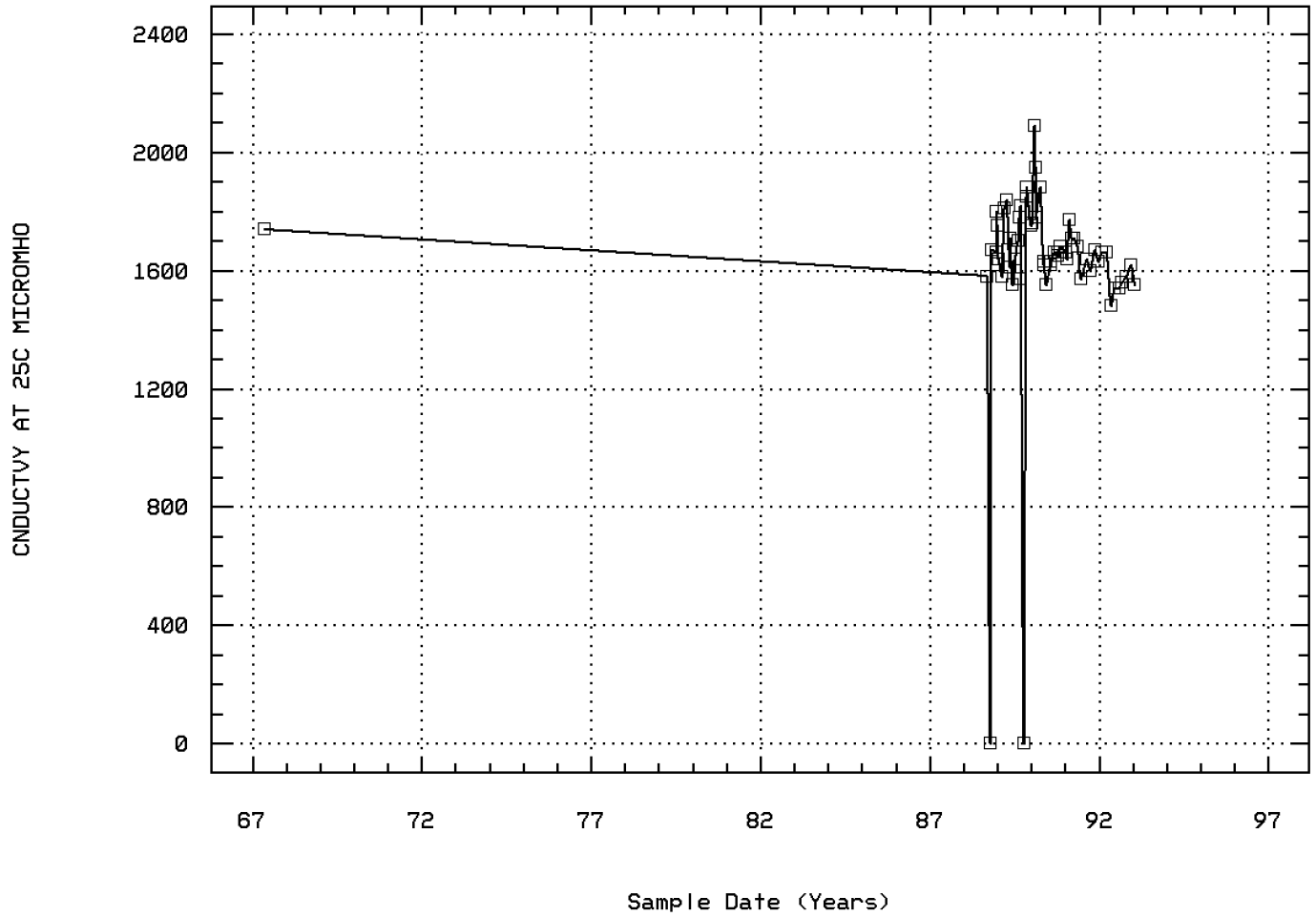
EPA Water Quality Criteria Analysis for Station: YELL0400

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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.	6	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	42	0	0.00	19	0	0.00	7	0	0.00	7	0	0.00	9	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	39	32	0.82	17	15	0.88	7	5	0.71	7	5	0.71	8	7	0.88
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	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									

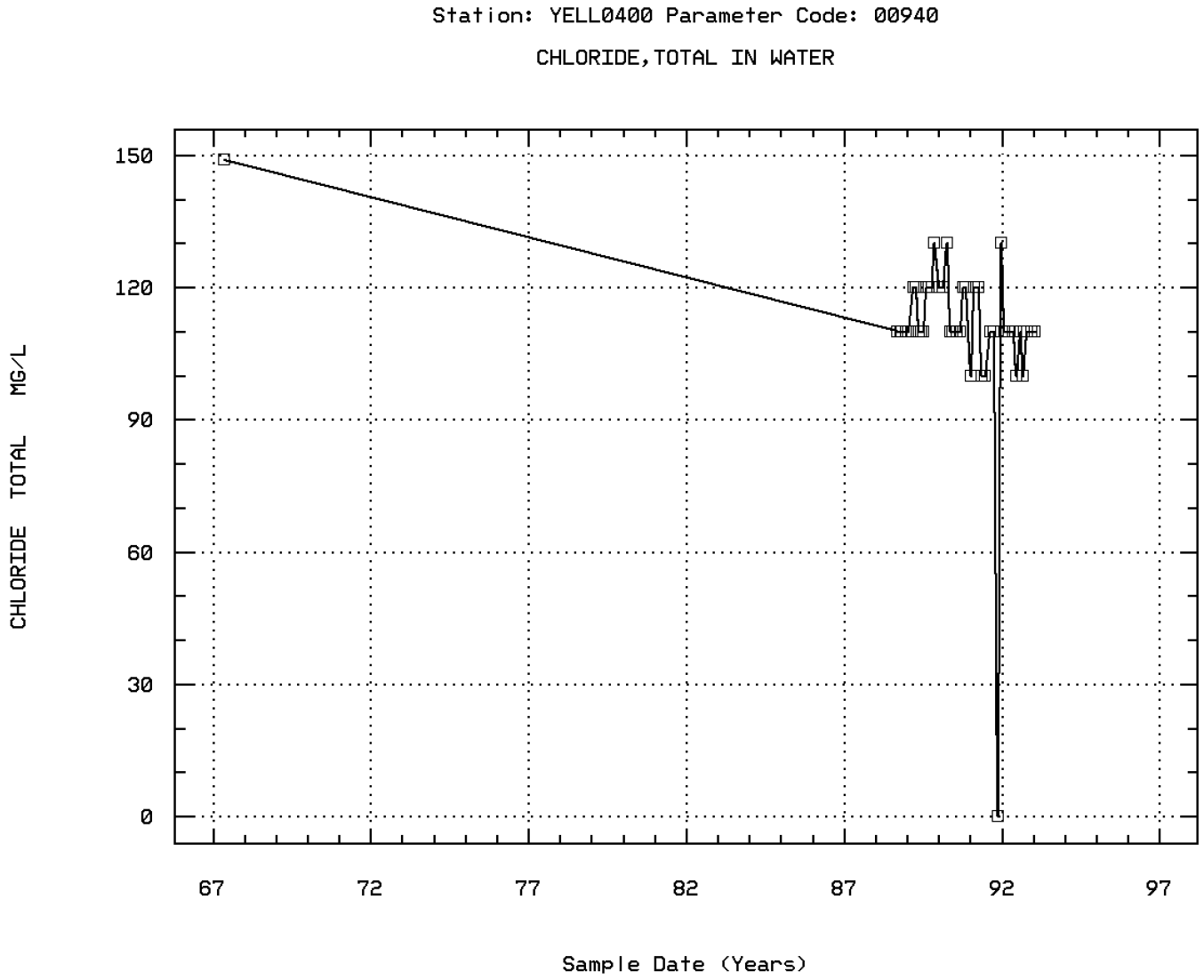
& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station: YELL0400 Parameter Code: 00095

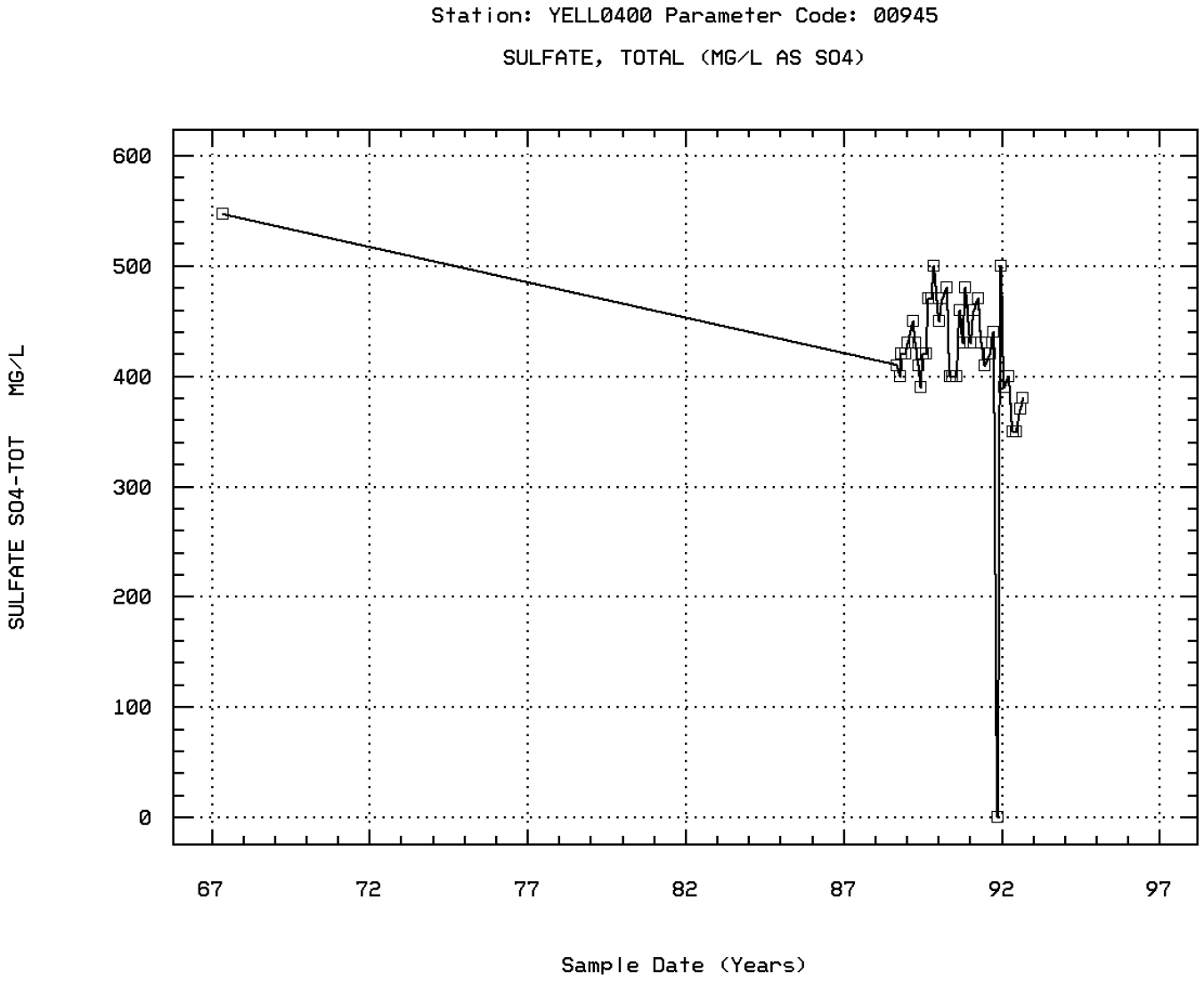
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



HOT RIVER AT MAMMOTH YNP



HOT RIVER AT MAMMOTH YNP



HOT RIVER AT MAMMOTH YNP

Seasonal Analysis for Season #1: 11/01 to 4/15 - Station YELL0400

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/71-01/12/93	30	43.55	44.397	55.	39.2	12.958	3.6	40.05	41.5	47.125	48.27
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/67-01/12/93	29	1710.	1735.517	2090.	1550.	13982.759	118.249	1620.	1660.	1805.	1880.
00940p	CHLORIDE,TOTAL IN WATER MG/L	05/11/67-01/12/93	19	120.	110.526	130.	0.	783.041	27.983	100.	110.	120.	130.

** - Less than 9 observations ## - Computed 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: 4/16 to 6/15 - Station YELL0400

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/71-01/12/93	9	42.	42.422	45.	41.	1.804	1.343	41.	41.4	43.5	45.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/67-01/12/93	10	1625.	1625.	1740.	1480.	6561.111	81.001	1487.	1550.	1687.5	1737.
00940p	CHLORIDE,TOTAL IN WATER MG/L	05/11/67-01/12/93	7	110.	114.143	149.	100.	250.143	15.816	**	**	**	**

** - Less than 9 observations ## - Computed 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: 6/16 to 8/15 - Station YELL0400

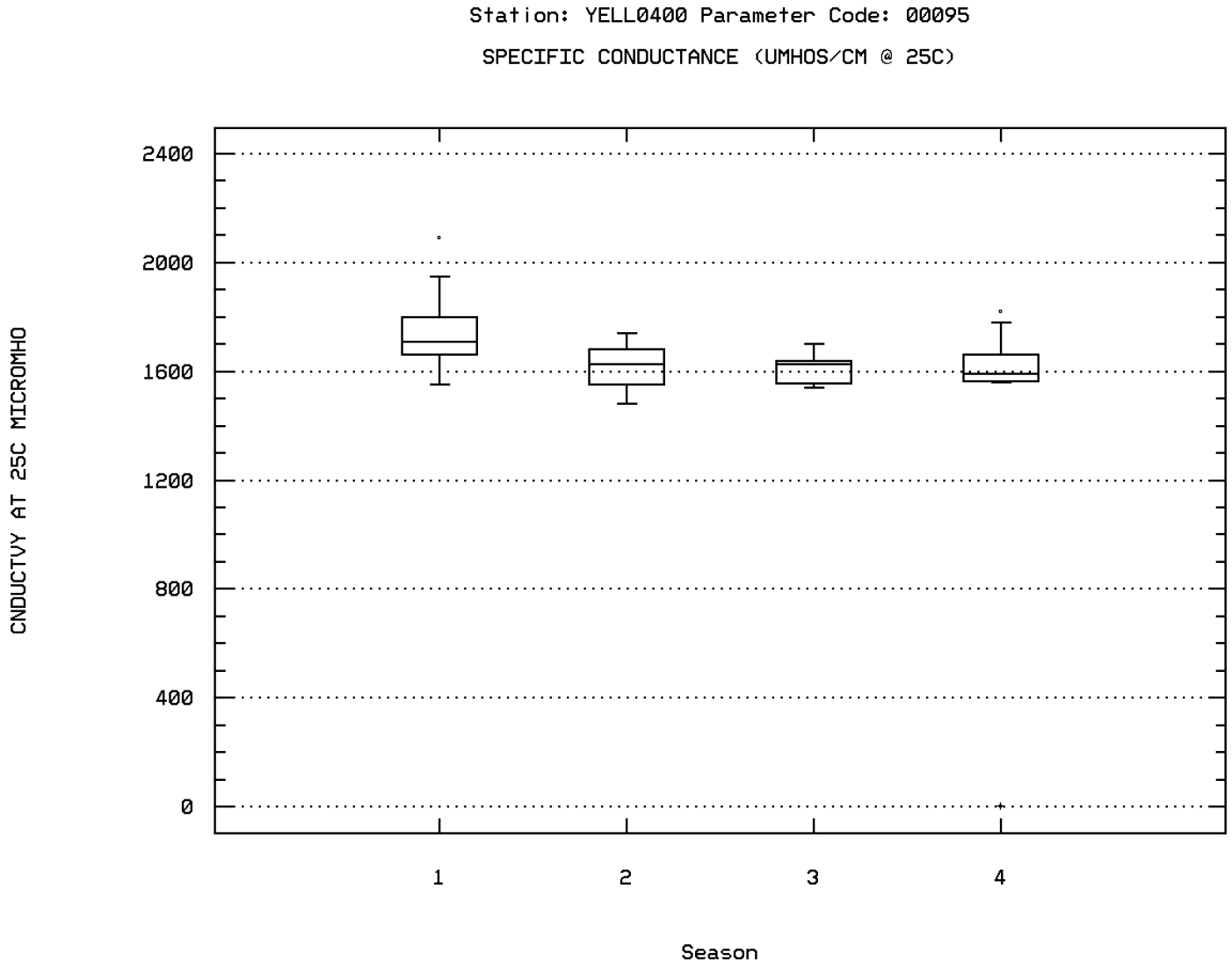
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/71-01/12/93	8	43.65	43.15	45.5	39.6	3.237	1.799	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/67-01/12/93	8	1625.	1610.	1700.	1540.	3114.286	55.806	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	05/11/67-01/12/93	7	110.	108.571	120.	100.	47.619	6.901	**	**	**	**

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

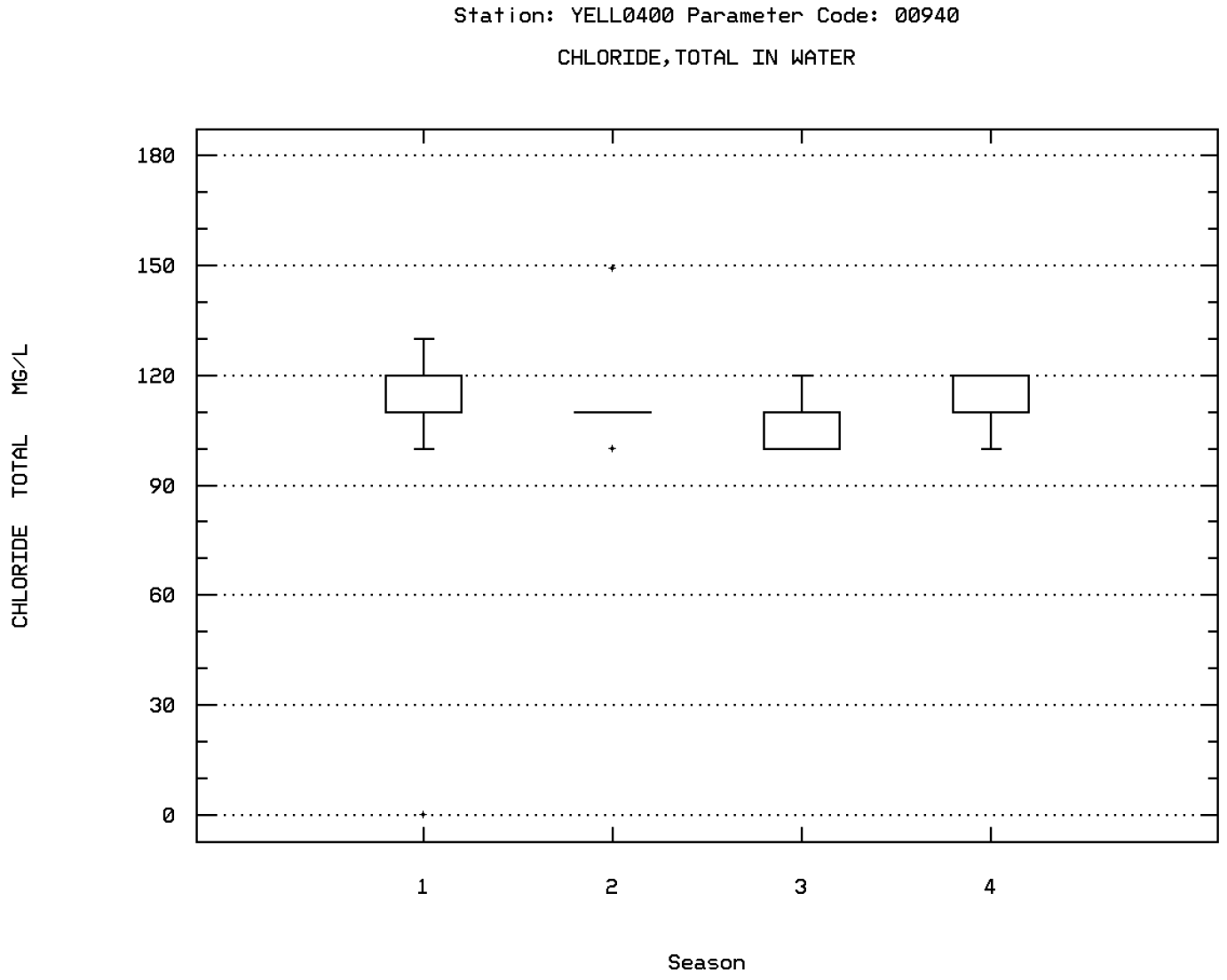
Seasonal Analysis for Season #4: 8/16 to 10/31 - Station YELL0400

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/03/71-01/12/93	11	43.	43.964	48.	41.8	5.715	2.391	41.82	41.9	47.	47.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/67-01/12/93	12	1590.	1371.667	1820.	0.	417106.061	645.837	0.	1562.5	1660.	1808.
00940p	CHLORIDE,TOTAL IN WATER MG/L	05/11/67-01/12/93	9	110.	112.222	120.	100.	44.444	6.667	100.	110.	120.	120.

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



HOT RIVER AT MAMMOTH YNP



HOT RIVER AT MAMMOTH YNP

Station Inventory for Station: YELL0401

NPS Station ID: YELL0401
LAT/LON: 44.992505/ 110.690560
Agency: 112WRD
Date Created: 09/22/84
Location: GARDNER RIVER NEAR MAMMOTH YNP
FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06191000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10070002125300.00
RF3 Mile Point: 0.17
Distance from RF3: 0.21
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/84-01/12/93	102	12.5	13.622	23.5	6.5	16.258	4.032	9.15	10.5	16.5	19.85
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/23/84-01/12/93	101	120.	219.782	1540.	62.	62932.532	250.864	86.2	98.	202.5	517.8
00065	STAGE, STREAM (FEET)	10/04/90-01/12/93	27	2.04	2.267	3.93	1.94	0.233	0.482	1.97	1.99	2.32	3.078
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/88-11/01/88	2	0.8	0.8	1.1	0.5	0.18	0.424	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/84-01/12/93	101	604.	574.495	950.	186.	36760.592	191.731	253.2	445.5	716.5	783.2
00300	OXYGEN, DISSOLVED MG/L	10/04/88-11/01/88	2	8.3	8.3	8.6	8.	0.18	0.424	**	**	**	**
00400	PH (STANDARD UNITS)	10/04/88-11/01/88	2	7.65	7.65	7.8	7.5	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/04/88-11/01/88	2	7.625	7.625	7.8	7.5	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/88-11/01/88	2	0.024	0.024	0.032	0.016	0.	0.011	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/88-06/26/91	7	7.9	7.929	8.	7.8	0.006	0.076	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/88-06/26/91	7	7.9	7.923	8.	7.8	0.006	0.076	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/88-06/26/91	7	0.013	0.012	0.016	0.01	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/04/88-11/01/88	2	169.5	169.5	171.	168.	4.5	2.121	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	10/04/88-11/01/88	2	168.5	168.5	174.	163.	60.5	7.778	**	**	**	**
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	10/04/88-11/01/88	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	10/04/88-11/01/88	2	205.5	205.5	212.	199.	84.5	9.192	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/88-11/01/88	2	7.	7.	9.	5.	8.	2.828	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/04/88-11/01/88	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/04/88-11/01/88	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/88-11/01/88	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/04/88-11/01/88	2 ##	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/04/88-11/01/88	2 ##	0.25	0.25	0.4	0.1	0.045	0.212	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/04/88-11/01/88	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/04/88-11/01/88	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/88-11/01/88	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/04/88-11/01/88	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/04/88-11/01/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/04/88-11/01/88	2	1.05	1.05	1.2	0.9	0.045	0.212	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/88-11/01/88	2	0.9	0.9	1.1	0.7	0.08	0.283	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/04/88-06/26/91	7	61.	54.286	77.	28.	414.571	20.361	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/88-06/26/91	7	16.	14.757	23.	6.5	43.89	6.625	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/88-06/26/91	7	28.	23.714	38.	8.	154.238	12.419	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/88-06/26/91	7	11.	13.129	42.	3.3	178.909	13.376	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/23/84-01/12/93	44	32.	29.932	55.	7.	140.251	11.843	11.5	22.75	38.	43.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/88-09/09/92	39	120.	110.974	210.	28.	2208.026	46.99	35.	80.	140.	160.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/88-06/26/91	10	1.35	1.18	1.5	0.5	0.153	0.391	0.51	0.75	1.5	1.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/88-06/26/91	7	29.	25.857	33.	15.	53.81	7.335	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/04/88-06/26/91	7	650.	564.286	950.	160.	109228.571	330.497	**	**	**	**

** - Less than 9 observations ## - 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: YELL0401

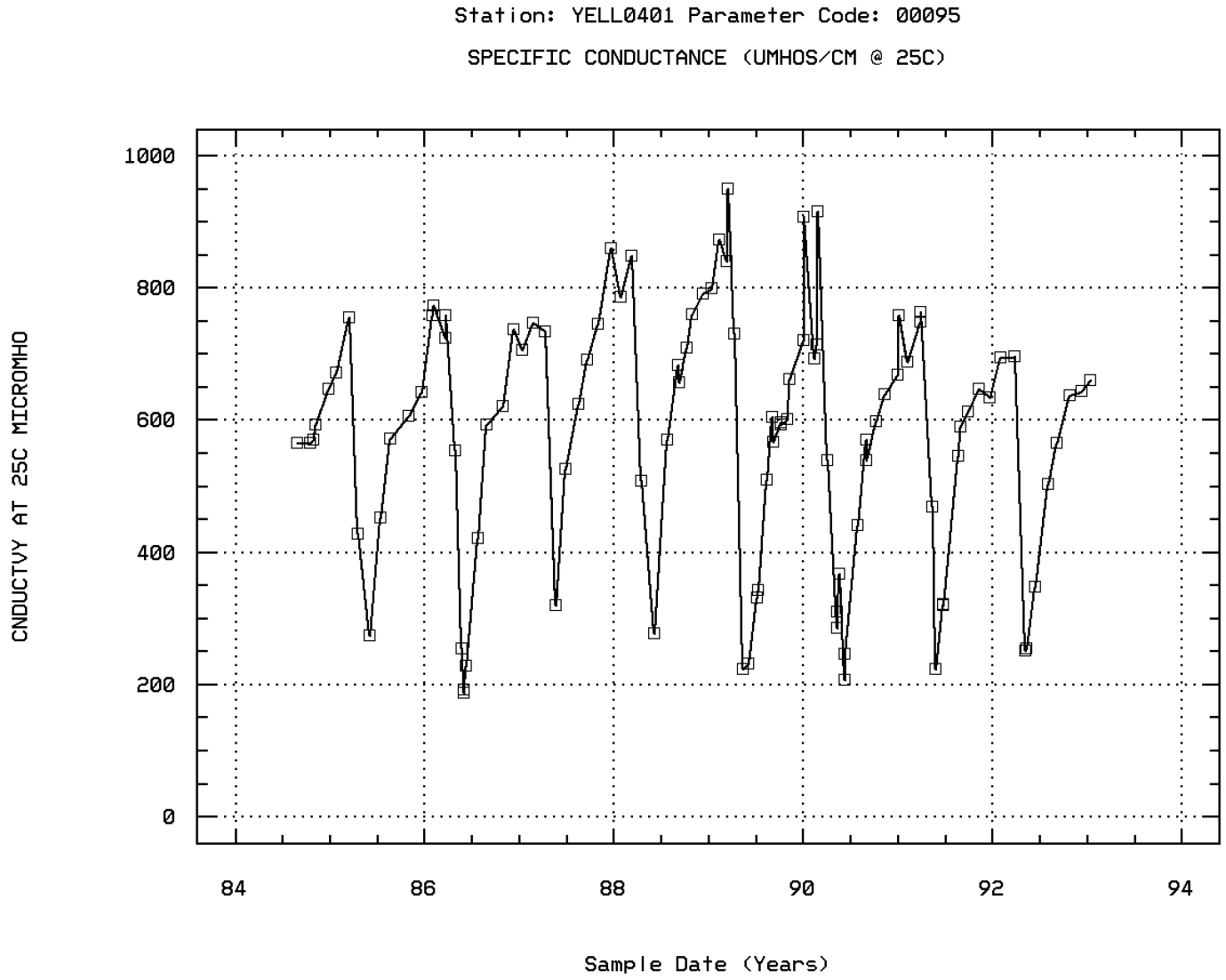
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	10/04/88-06/26/91	7	15.	26.	60.	11.	345.333	18.583	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	10/04/88-11/01/88	2	47.	47.	60.	34.	338.	18.385	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/04/88-11/01/88	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/04/88-11/01/88	2	16.	16.	24.	8.	128.	11.314	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0401

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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.	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.	7	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
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.	44	0	0.00	20	0	0.00	6	0	0.00	7	0	0.00	11	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	39	0	0.00	18	0	0.00	6	0	0.00	7	0	0.00	8	0	0.00

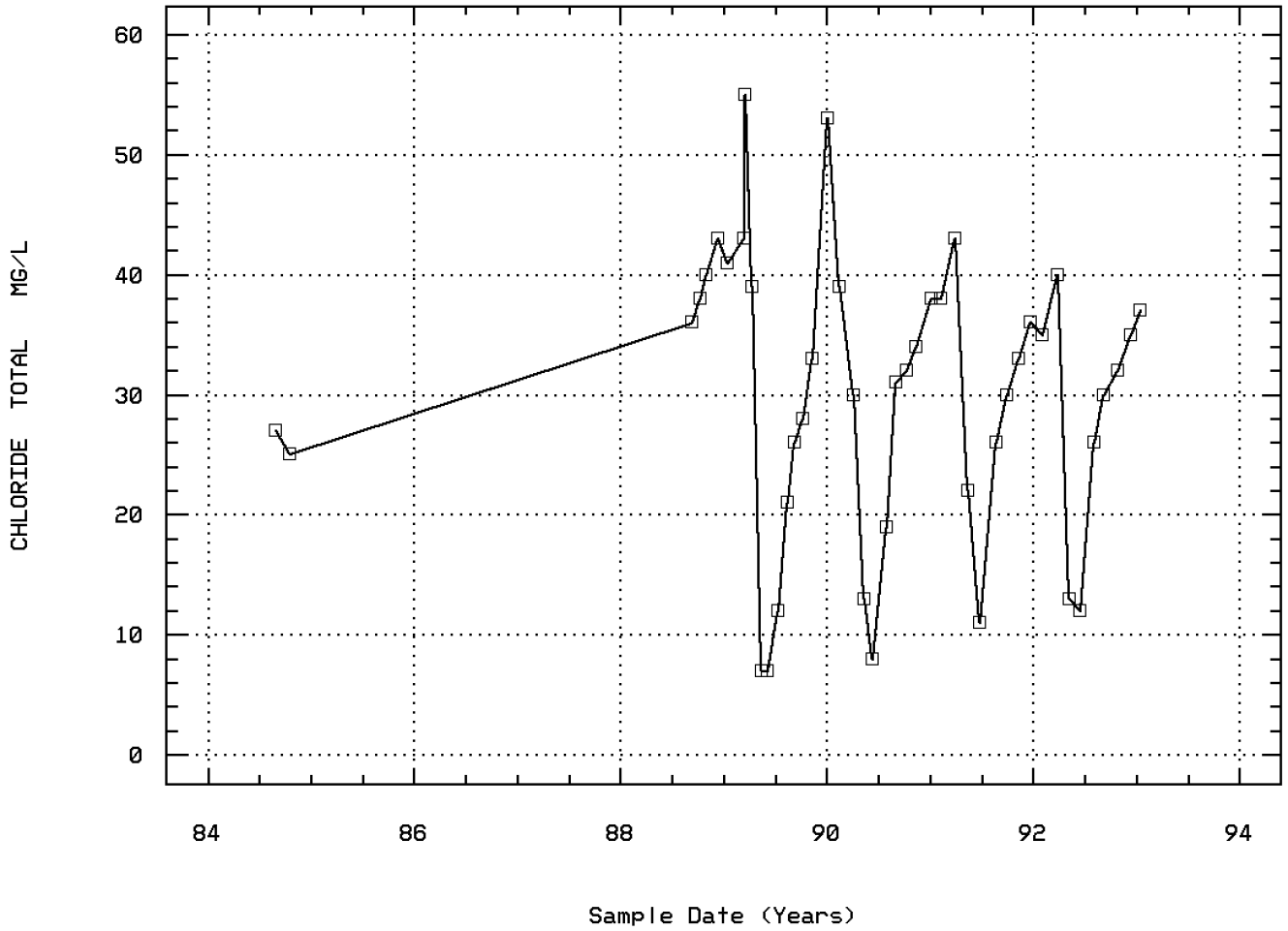
& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter



GARDNER RIVER NEAR MAMMOTH YNP

Station: YELL0401 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



GARDNER RIVER NEAR MAMMOTH YNP

Annual Analysis for 1984 - Station YELL0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/84-01/12/93	5	11.5	12.5	16.5	10.	8.375	2.894	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/23/84-01/12/93	4	142.5	140.75	168.	110.	564.917	23.768	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/84-01/12/93	5	570.	587.8	646.	565.	1192.7	34.535	**	**	**	**

** - 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 1985 - Station YELL0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/84-01/12/93	8	11.	12.	21.	6.5	24.786	4.979	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/23/84-01/12/93	8	130.5	183.	451.	104.	13413.143	115.815	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/84-01/12/93	8	588.5	549.5	754.	273.	24244.286	155.706	**	**	**	**

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

Annual Analysis for 1986 - Station YELL0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/84-01/12/93	13	11.	12.115	20.	9.	12.09	3.477	9.	9.75	14.	19.
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/23/84-01/12/93	13	158.	430.385	1540.	95.	251952.09	501.948	96.2	100.	784.	1428.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/84-01/12/93	13	593.	522.692	772.	186.	55622.731	235.845	188.	241.	747.	766.4

** - 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 1987 - Station YELL0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/84-01/12/93	9	13.	14.778	21.5	9.	28.007	5.292	9.	9.75	21.	21.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/23/84-01/12/93	9	102.	132.778	337.	79.	6256.944	79.101	79.	98.	135.5	337.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/84-01/12/93	9	705.	661.	860.	320.	24742.25	157.297	320.	574.5	745.5	860.

** - Less than 9 observations ## - Computed 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 YELL0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/84-01/12/93	10	16.	16.85	23.5	11.	19.336	4.397	11.1	13.125	20.5	23.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/23/84-01/12/93	10	94.5	145.4	509.	76.	17352.711	131.73	77.	86.75	143.5	476.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/84-01/12/93	10	695.5	658.6	848.	276.	28893.822	169.982	299.2	553.75	787.25	842.3

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

Annual Analysis for 1989 - Station YELL0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/84-01/12/93	16	14.5	14.75	19.5	10.	9.367	3.061	10.35	12.125	17.625	19.15
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/23/84-01/12/93	16	119.	205.	777.	64.	42422.4	205.967	70.3	90.75	255.	665.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/84-01/12/93	16	598.	590.5	950.	222.	49398.4	222.258	228.3	383.75	781.75	896.1

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

Annual Analysis for 1990 - Station YELL0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/84-01/12/93	17	12.5	12.947	21.4	7.5	13.063	3.614	7.9	10.5	14.25	19.48
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/23/84-01/12/93	17	130.	202.353	610.	62.	26883.243	163.961	63.6	97.	308.	538.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/84-01/12/93	16	554.5	542.625	915.	207.	48659.45	220.589	233.6	324.	707.75	908.7

** - 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 1991 - Station YELL0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/84-01/12/93	14	12.	13.286	22.5	8.	18.335	4.282	8.5	10.375	15.5	21.75
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/23/84-01/12/93	14	119.	211.357	1040.	84.	64520.247	254.008	84.	91.5	222.75	699.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/84-01/12/93	14	623.	570.143	762.	222.	30468.44	174.552	271.	431.25	703.	760.

** - Less than 9 observations ## - Computed 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 YELL0401

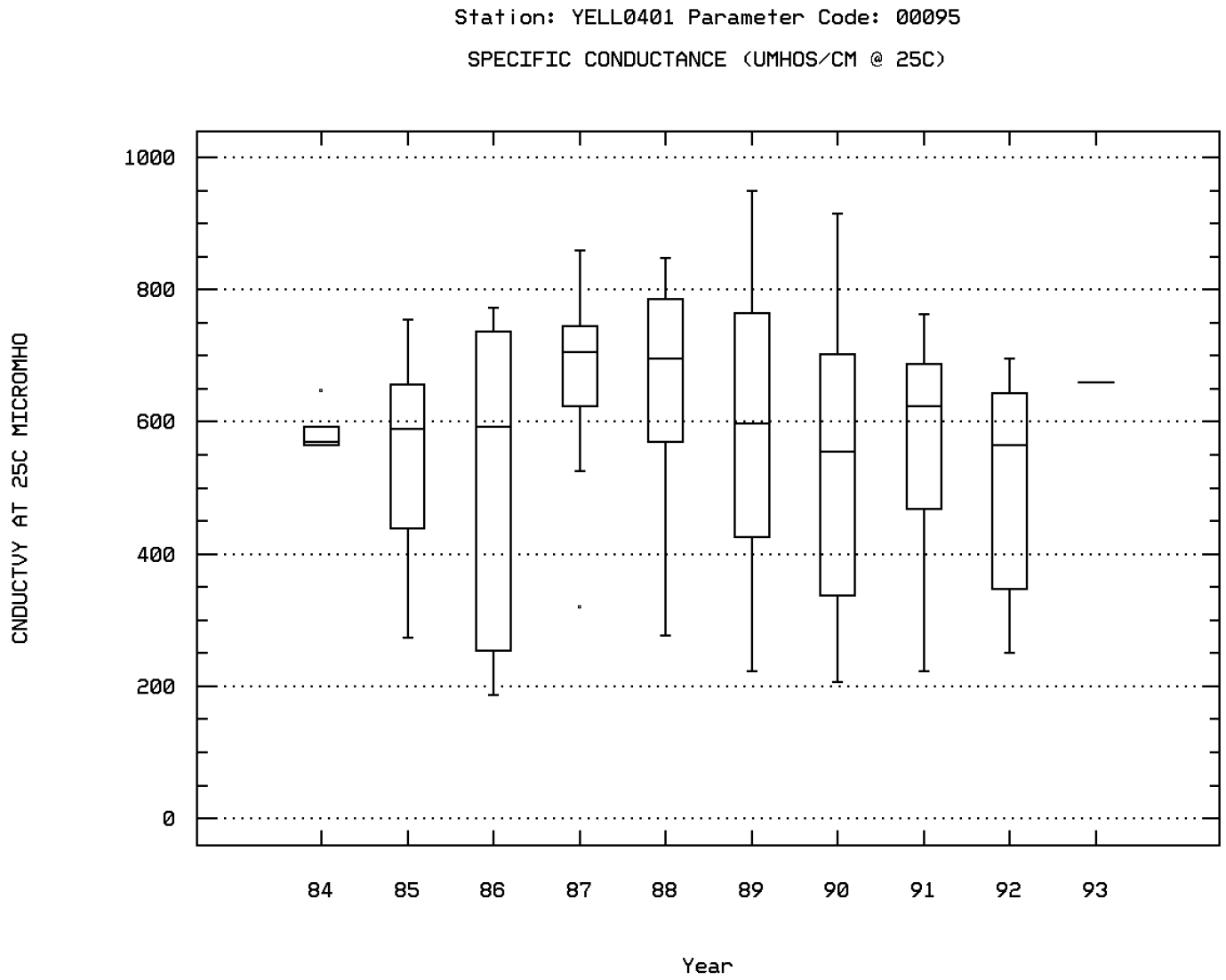
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/84-01/12/93	9	13.5	13.2	18.5	9.6	11.605	3.407	9.6	10.	16.55	18.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/23/84-01/12/93	9	129.	237.889	575.	94.	37699.861	194.165	94.	98.	445.5	575.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/84-01/12/93	9	564.	509.667	695.	251.	33070.25	181.852	251.	300.	668.5	695.

** - Less than 9 observations ## - Computed 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 YELL0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/84-01/12/93	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/23/84-01/12/93	1	107.	107.	107.	107.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/84-01/12/93	1	660.	660.	660.	660.	0.	0.	**	**	**	**

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



GARDNER RIVER NEAR MAMMOTH YNP

Seasonal Analysis for Season #1: 11/01 to 4/15 - Station YELL0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/84-01/12/93	46	11.25	11.835	17.	6.5	7.301	2.702	8.7	10.	13.725	16.15
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/23/84-01/12/93	46	98.	97.935	142.	62.	286.596	16.929	75.1	87.	105.5	116.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/84-01/12/93	45	730.	729.089	950.	539.	8046.083	89.7	622.8	661.	767.	865.2
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/23/84-01/12/93	20	38.5	39.25	55.	30.	38.408	6.197	33.	35.	42.5	52.

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

Seasonal Analysis for Season #2: 4/16 to 6/15 - Station YELL0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/84-01/12/93	21	11.5	11.286	15.	7.5	2.739	1.655	9.1	10.	12.	13.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/23/84-01/12/93	21	509.	576.048	1540.	187.	131399.348	362.49	194.4	308.	697.5	1216.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/84-01/12/93	21	254.	298.952	554.	186.	11207.048	105.863	194.2	225.	343.	500.
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/23/84-01/12/93	6	10.5	11.667	22.	7.	33.467	5.785	**	**	**	**

** - Less than 9 observations ## - Computed 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: 6/16 to 8/15 - Station YELL0401

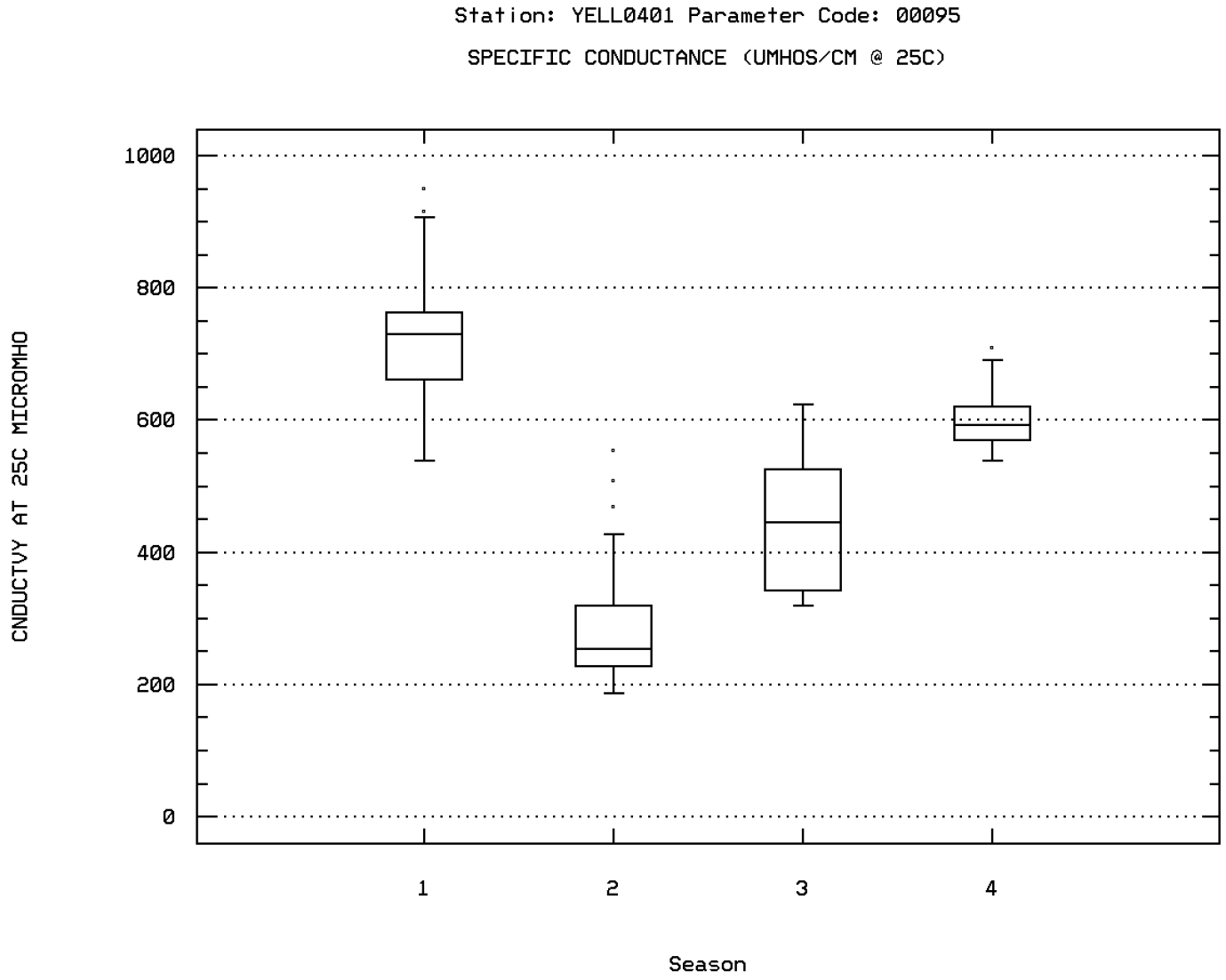
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/84-01/12/93	14	19.	18.071	23.5	10.	16.033	4.004	11.	16.125	21.125	22.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/23/84-01/12/93	14	187.	221.	396.	120.	8991.846	94.825	124.5	138.	308.25	377.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/84-01/12/93	14	445.5	446.214	623.	320.	10458.181	102.265	320.5	339.25	530.75	596.
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/23/84-01/12/93	7	19.	18.143	26.	11.	43.143	6.568	**	**	**	**

** - Less than 9 observations ## - Computed 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: 8/16 to 10/31 - Station YELL0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/84-01/12/93	21	16.6	16.905	23.5	10.	14.266	3.777	10.7	14.25	20.	22.28
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/23/84-01/12/93	20	126.5	125.1	168.	91.	409.568	20.238	97.2	108.25	137.75	156.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/84-01/12/93	21	593.	604.286	708.	538.	2152.414	46.394	564.2	568.5	629.	688.6
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/23/84-01/12/93	11	30.	30.455	38.	25.	16.073	4.009	25.2	27.	32.	37.6

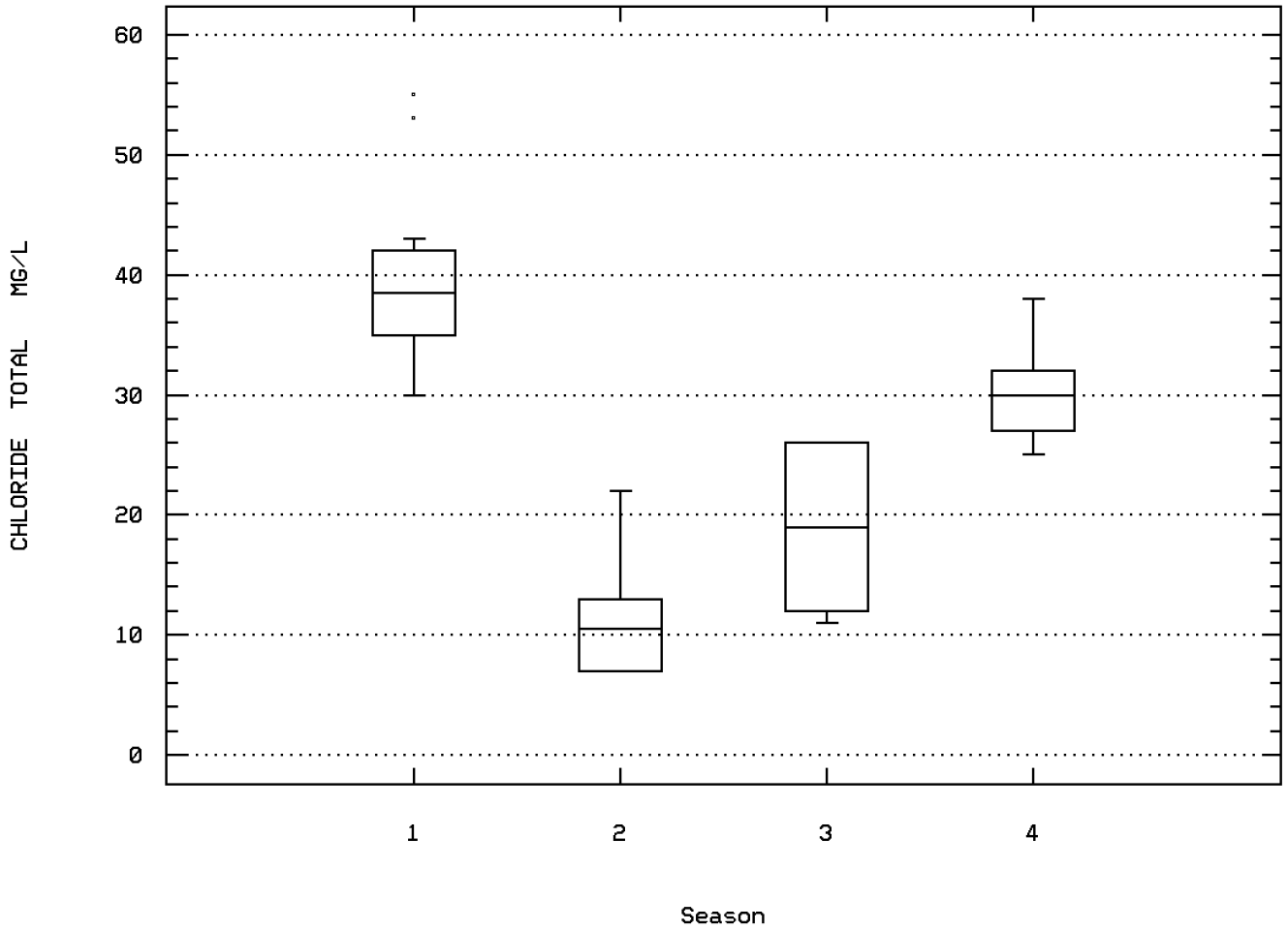
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



GARDNER RIVER NEAR MAMMOTH YNP

Station: YELL0401 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



GARDNER RIVER NEAR MAMMOTH YNP

Station Inventory for Station: YELL0402

NPS Station ID: YELL0402 LAT/LON: 45.000170/ 110.568115 Agency: 11NPSYSP Date Created: 05/24/86
Location: CREVICE L. 13.7KM NE GARDNER ON YELL. RIVER TRAI FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 101600000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 95 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 11.80 On/Off RF1:
RF3 Index: 10070001071301.35 RF3 Mile Point: 1.34 Distance from RF3: 0.90 On/Off RF3:
Description:
ELEVATION (m)= 1695 CAPACITY (m cubed)= 1186884 DRAINAGE AREA (ha)=69.6 SURFACE AREA (ha)=6.6
AVERAGE DEPTH (m)=17.8 MAX DEPTH (m)= 29.9 0 FISH; 10,000 RAINBOW WERE STOCKED IN 1930, BUT HAS RETURNED TO ORIGINA
L FISHLESS STATE.

Parameter Inventory for Station: YELL0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/76-08/05/76	1	22.2	22.2	22.2	22.2	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/05/76-08/05/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/05/76-08/05/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	08/05/76-08/05/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/05/76-08/05/76	1	620.	620.	620.	620.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/05/76-08/05/76	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/05/76-08/05/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/05/76-08/05/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/76-08/05/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/05/76-08/05/76	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	08/05/76-08/05/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/05/76-08/05/76	1	216.	216.	216.	216.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/05/76-08/05/76	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	08/05/76-08/05/76	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/05/76-08/05/76	1	264.	264.	264.	264.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/05/76-08/05/76	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/05/76-08/05/76	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/05/76-08/05/76	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/05/76-08/05/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/05/76-08/05/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/05/76-08/05/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/76-08/05/76	1	196.	196.	196.	196.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/05/76-08/05/76	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/05/76-08/05/76	1	138.	138.	138.	138.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/05/76-08/05/76	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	08/05/76-08/05/76	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	08/05/76-08/05/76	1	3.57	3.57	3.57	3.57	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/76-08/05/76	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/76-08/05/76	1	87.	87.	87.	87.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	08/05/76-08/05/76	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/76-08/05/76	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

Parameter Inventory for Station: YELL0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	08/05/76-08/05/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/05/76-08/05/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	08/05/76-08/05/76	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/05/76-08/05/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/05/76-08/05/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	08/05/76-08/05/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	08/05/76-08/05/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/05/76-08/05/76	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0402

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0403

NPS Station ID: YELL0403 LAT/LON: 45.000198/ 110.700810 Agency: 11NPSYSP Date Created: 05/24/86
Location: LITTLE SLIDE L. 4.8KM N.OF MAMMOTH NW YNP FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100700000000052
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 6 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001004 RF1 Mile Point: 1.980 Distance from RF1: 13.30 On/Off RF1: ON
RF3 Index: 10070001071200.00 RF3 Mile Point: 2.02 Distance from RF3: 0.37 On/Off RF3:
Description:
ELEVATION (m)= 1737 CAPACITY (m cubed)= 4935 DRAINAGE AREA (ha)= 319.7 SURFACE AREA (ha)= .4
AVERAGE DEPTH (m)= 1.2 MAX DEPTH (m)= 2.7 INTRODUCED RAINBOW TROUT;NO OFFICIAL STOCKING, RECRUITS MAY ENTER FROMB
EAVER PONDS OR LITTLE SLIDE CK,UNOFFICIAL STOCKING OR SOME SPAWNING.

Parameter Inventory for Station: YELL0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/75-07/10/75	1	19.7	19.7	19.7	19.7	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/10/75-07/10/75	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/10/75-07/10/75	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/10/75-07/10/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/10/75-07/10/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/75-07/10/75	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/10/75-07/10/75	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/10/75-07/10/75	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/75-07/10/75	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/10/75-07/10/75	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/10/75-07/10/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/10/75-07/10/75	1	114.	114.	114.	114.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/10/75-07/10/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/10/75-07/10/75	1	114.	114.	114.	114.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/10/75-07/10/75	1	139.	139.	139.	139.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/10/75-07/10/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/10/75-07/10/75	1	184.	184.	184.	184.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/10/75-07/10/75	1	0.84	0.84	0.84	0.84	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/10/75-07/10/75	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/75-07/10/75	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/10/75-07/10/75	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/10/75-07/10/75	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/10/75-07/10/75	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	07/10/75-07/10/75	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/10/75-07/10/75	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/10/75-07/10/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/10/75-07/10/75	1	0.76	0.76	0.76	0.76	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/10/75-07/10/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/10/75-07/10/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/10/75-07/10/75	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/10/75-07/10/75	1	18.	18.	18.	18.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	07/10/75-07/10/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/10/75-07/10/75	1	8.	8.	8.	8.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/10/75-07/10/75	1	0.378	0.378	0.378	0.378	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/10/75-07/10/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/10/75-07/10/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/10/75-07/10/75	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: YELL0403

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0404

NPS Station ID: YELL0404 LAT/LON: 45.000198/ 110.717088 Agency: 11NPSYSP Date Created: 05/24/86
Location: MAMMOTH BEAVER POND(BIG) N.YNP E.OF SEPULCHER MT FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100700000000054
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 13 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10070001071300.38 RF3 Mile Point: 0.42 Distance from RF3: 0.20 On/Off RF3:
Description:
ELEVATION (m)= 1932 CAPACITY (m cubed)= 74018 DRAINAGE AREA (ha)= 242.8 SURFACE AREA (ha)= 4
AVERAGE DEPTH (m)= 4 MAX DEPTH (m)= 1.8 0 FISH; INTENSIVE STOCKING OF GRAYLING,BROOK AND RAINBOW TROUT, BUT DUE
TO WINTERKILL AND POOR SPAWNING HABITAT IT HAS RETURNED TO FISHLESS STAT

Parameter Inventory for Station: YELL0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/16/75-07/16/75	1	15.6	15.6	15.6	15.6	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/16/75-07/16/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/16/75-07/16/75	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/16/75-07/16/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/16/75-07/16/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/16/75-07/16/75	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/16/75-07/16/75	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/16/75-07/16/75	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/16/75-07/16/75	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/16/75-07/16/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/16/75-07/16/75	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/16/75-07/16/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/16/75-07/16/75	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/16/75-07/16/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/16/75-07/16/75	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/16/75-07/16/75	1	132.	132.	132.	132.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/16/75-07/16/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/16/75-07/16/75	1	176.	176.	176.	176.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/16/75-07/16/75	1	1.41	1.41	1.41	1.41	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/16/75-07/16/75	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/16/75-07/16/75	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/16/75-07/16/75	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/16/75-07/16/75	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/16/75-07/16/75	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	07/16/75-07/16/75	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/16/75-07/16/75	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/16/75-07/16/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/16/75-07/16/75	1	0.76	0.76	0.76	0.76	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/16/75-07/16/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/16/75-07/16/75	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/16/75-07/16/75	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

Parameter Inventory for Station: YELL0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/75-07/16/75	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/16/75-07/16/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/16/75-07/16/75	1	8.	8.	8.	8.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/16/75-07/16/75	1	0.267	0.267	0.267	0.267	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/16/75-07/16/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/16/75-07/16/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/16/75-07/16/75	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: YELL0404

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00							1	0	0.00			
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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0405

NPS Station ID: YELL0405
LAT/LON: 45.000281/ 110.018170
Agency: 11NPSYSP
Date Created: 07/07/90
Location: WARM CREEK AT MOUTH
FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 103317290000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 5.20
On/Off RF1:
RF3 Index: 10070001017204.49
RF3 Mile Point: 4.62
Distance from RF3: 0.68
On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 32.8 STREAM LENGTH (km)= .32 % GRADIENT= 4.5
HIGHEST ELEVATION (m)=2225.5 LOWEST ELEVATION (m)=2208.3 INTRODUCED CUTTHROAT X RAINBOW TROUT HYBRID

Parameter Inventory for Station: YELL0405

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: YELL0406

NPS Station ID: YELL0406
LAT/LON: 45.001059/ 110.583365
Agency: 11NPSYSP
Date Created: 07/07/90
Location: CREVICE CR. AT TRAIL CROSSING
FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 101500000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 5.90
On/Off RF1:
RF3 Index: 10070001111800.00
RF3 Mile Point: 1.13
Distance from RF3: 0.06
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2099.63 STREAM LENGTH (km)= 11.10 % GRADIENT= 11.27
HIGHEST ELEVATION (m)=2934.0 LOWEST ELEVATION (m)=1682.9

Parameter Inventory for Station: YELL0406

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: YELL0407

NPS Station ID: YELL0407 LAT/LON: 45.001226/ 110.800338 Agency: 11NPSYSP Date Created: 07/07/90
Location: UPPER REESE CREEK AT CONFLUENCE WITH 100204 FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 100200000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 5.90 On/Off RF1:
RF3 Index: 10070001111800.00 RF3 Mile Point: 1.13 Distance from RF3: 0.03 On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1378.21 STREAM LENGTH (km)= 4.8 % GRADIENT= 6.89
HIGHEST ELEVATION (m)=2445.5 LOWEST ELEVATION (m)=2115.0 NATIVE CUTHROAT, INTRODUCED BROWN AND RAINBOW TROUT

Parameter Inventory for Station: YELL0407

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: YELL0408

NPS Station ID: YELL0408
LAT/LON: 45.001503/ 111.083504
Agency: 11NPSYSP
Date Created: 07/07/90
Location: SPECIMEN CREEK AT MOUTH
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 500900000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020008
RF1 Mile Point: 0.000
Distance from RF1: 1.20
On/Off RF1:
RF3 Index: 10020008004501.17
RF3 Mile Point: 1.48
Distance from RF3: 0.10
On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)= 6898 STREAM LENGTH (km)= 15.1 % GRADIENT= 4.85
HIGHEST ELEVATION (m)= 2804 LOWEST ELEVATION (m)= 2072 NATIVE CUTTHROAT AND MOUNTAIN WHITEFISH

Parameter Inventory for Station: YELL0408

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: YELL0409

NPS Station ID: YELL0409
LAT/LON: 45.006392/ 109.987227
Agency: 21MTHDWQ
Date Created: 10/12/85
Location: SODA BUTTE CR SE SILVER GATE OFF CITY BR
FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 1949SO02
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE RIVER
ECO Region:
RF1 Index: 10070001161
RF1 Mile Point: 10.460
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001016114.81
RF3 Mile Point: 15.22
Distance from RF3: 0.05
On/Off RF3:
Description:
COOKE CITY PROJECT

Parameter Inventory for Station: YELL0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/86-07/23/86	3	10.6	10.1	10.6	9.1	0.75	0.866	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/86-07/23/86	3	148.	180.333	246.	147.	3234.333	56.871	**	**	**	**
00400	PH (STANDARD UNITS)	07/23/86-07/23/86	3	7.75	7.667	7.8	7.45	0.036	0.189	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/23/86-07/23/86	3	7.75	7.638	7.8	7.45	0.037	0.193	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/86-07/23/86	3	0.018	0.023	0.035	0.016	0.	0.011	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/23/86-07/23/86	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/86-07/23/86	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/17/75-06/17/75	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/23/86-07/23/86	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/23/86-07/23/86	1	19.1	19.1	19.1	19.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/23/86-07/23/86	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/86-07/23/86	3	0.4	0.4	0.5	0.3	0.01	0.1	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/86-07/23/86	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/23/86-07/23/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/23/86-07/23/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/23/86-07/23/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/23/86-07/23/86	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/86-07/23/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/23/86-07/23/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/86-07/23/86	1	40.	40.	40.	40.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0409

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00							3	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00							3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			

& - 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: YELL0409

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0410

NPS Station ID: YELL0410 LAT/LON: 45.013338/ 111.075559 Agency: 112WRD Date Created: / /
Location: SPECIMEN CREEK AB SPECIMEN CR CAMPGROUND, YNP FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06042950
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10020008 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10070006000200.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: YELL0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/68-09/20/68	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/20/68-09/20/68	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/68-09/20/68	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/68-09/20/68	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/68-09/20/68	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/68-09/20/68	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/68-09/20/68	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/20/68-09/20/68	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/20/68-09/20/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/68-09/20/68	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/20/68-09/20/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/68-09/20/68	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/68-09/20/68	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/68-09/20/68	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/20/68-09/20/68	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/20/68-09/20/68	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/68-09/20/68	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/68-09/20/68	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/68-09/20/68	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/68-09/20/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/68-09/20/68	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/20/68-09/20/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/20/68-09/20/68	1	30.	30.	30.	30.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/68-09/20/68	1	70.	70.	70.	70.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/20/68-09/20/68	1	68.	68.	68.	68.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/20/68-09/20/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/20/68-09/20/68	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: YELL0410

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: YELL0410

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
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: YELL0411

NPS Station ID: YELL0411
LAT/LON: 45.016920/ 110.684532
Agency: 11NPSYSP
Date Created: 07/07/90
Location: GARDINER RIVER AT FOOTBRIDGE
FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100700000000003
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 2.00
On/Off RF1:
RF3 Index: 10070001000401.81
RF3 Mile Point: 3.61
Distance from RF3: 0.13
On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)=52765.12 STREAM LENGTH (km)= 35.0 % GRADIENT= 3.75
HIGHEST ELEVATION (m)=2901.7 LOWEST ELEVATION (m)=1590.6 NATIVE MOUNTAIN WHITEFISH, AND INTRODUCED BROOK, BROWN, RAINBOW, AND
CUTTHROAT X RAINBOW TROUT HYBRID PRESENT. THERMAL INFLUENCE PRESENT.

Parameter Inventory for Station: YELL0411

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: YELL0412

NPS Station ID: YELL0412 LAT/LON: 45.017003/ 110.734615 Agency: 11NPSYSP Date Created: 05/24/86
Location: MIDDLE RAINBOW L. NW YNP ON SEPULCHER MT. FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100500000000053
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 6 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 16.20 On/Off RF1:
RF3 Index: 10070001071400.00 RF3 Mile Point: 2.45 Distance from RF3: 0.22 On/Off RF3:
Description:
ELEVATION (m)=1792.8 CAPACITY (m cubed)= 25906 DRAINAGE AREA (ha)= 210.5 SURFACE AREA (ha)= 1.4
AVERAGE DEPTH (m)= .9 MAX DEPTH (m)= 2.7 O FISH; OFFICIAL STOCKING UNLIKELY, BUT RAINBOWS ONCE WERE REPORTED, NOW
BACK TO ITS ORIGINAL FISHLESS STATE.

Parameter Inventory for Station: YELL0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/74-07/23/74	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/23/74-07/23/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/74-07/23/74	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/74-07/23/74	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	07/23/74-07/23/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/23/74-07/23/74	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/74-07/23/74	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/23/74-07/23/74	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/23/74-07/23/74	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/74-07/23/74	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/23/74-07/23/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	07/23/74-07/23/74	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	07/23/74-07/23/74	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	07/23/74-07/23/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	07/23/74-07/23/74	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/23/74-07/23/74	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/23/74-07/23/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/23/74-07/23/74	1	141.	141.	141.	141.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/23/74-07/23/74	1	0.97	0.97	0.97	0.97	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/74-07/23/74	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/23/74-07/23/74	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/23/74-07/23/74	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/23/74-07/23/74	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/23/74-07/23/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	07/23/74-07/23/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/23/74-07/23/74	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/23/74-07/23/74	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/23/74-07/23/74	1	1.32	1.32	1.32	1.32	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/74-07/23/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/23/74-07/23/74	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/23/74-07/23/74	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

Parameter Inventory for Station: YELL0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/23/74-07/23/74	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/23/74-07/23/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	07/23/74-07/23/74	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/23/74-07/23/74	1	1.61	1.61	1.61	1.61	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/23/74-07/23/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	07/23/74-07/23/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	07/23/74-07/23/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0412

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00							1	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	1	1.00							1	1	1.00			
		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			
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			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0413

NPS Station ID: YELL0413 LAT/LON: 45.017031/ 110.884837 Agency: 11NPSYSP Date Created: 05/24/86
Location: SPORTSMAN L. NW YNP W. OF ELECTRIC PEAK FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 100100000000052
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 22 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 2.50 On/Off RF1:
RF3 Index: 10020008004700.00 RF3 Mile Point: 0.58 Distance from RF3: 0.02 On/Off RF3:
Description:
ELEVATION (m)=2356.1 CAPACITY (m cubed)= 24673 DRAINAGE AREA (ha)= 2375.2 SURFACE AREA (ha)= 9.9
AVERAGE DEPTH (m)= 1.5 MAX DEPTH (m)= 7.9 INTRODUCED CUTTHROAT; 1937 & 38 & 39 29,190 CUTTHROAT FRY WERE STOCKED,
ALTHOUGH SOME MAY BE NATIVE.

Parameter Inventory for Station: YELL0413

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/74-09/20/74	1	11.6	11.6	11.6	11.6	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/74-09/20/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/20/74-09/20/74	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/20/74-09/20/74	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/20/74-09/20/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/20/74-09/20/74	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/74-09/20/74	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/74-09/20/74	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/74-09/20/74	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/74-09/20/74	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/20/74-09/20/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/20/74-09/20/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/20/74-09/20/74	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/20/74-09/20/74	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/20/74-09/20/74	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/20/74-09/20/74	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/20/74-09/20/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/20/74-09/20/74	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/74-09/20/74	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/74-09/20/74	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/74-09/20/74	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/20/74-09/20/74	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/74-09/20/74	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/20/74-09/20/74	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	09/20/74-09/20/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/20/74-09/20/74	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/20/74-09/20/74	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/20/74-09/20/74	1	1.84	1.84	1.84	1.84	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/74-09/20/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/74-09/20/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/20/74-09/20/74	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

Parameter Inventory for Station: YELL0413

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/74-09/20/74	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/20/74-09/20/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/20/74-09/20/74	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/20/74-09/20/74	1	0.434	0.434	0.434	0.434	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/20/74-09/20/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/20/74-09/20/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/20/74-09/20/74	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: YELL0413

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0414

NPS Station ID: YELL0414
LAT/LON: 45.017809/ 110.650838
Agency: 11NPSYSP
Date Created: 07/07/90
Location: YELLOWSTONE RIVER AT BEAR CREEK
FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100000000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 23.20
On/Off RF1:
RF3 Index: 10020008120300.00
RF3 Mile Point: 0.76
Distance from RF3: 0.09
On/Off RF3:
Description:
STREAM ORDER= 6 WATERSHED SIZE (ha)=569456.2 STREAM LENGTH (km)= 230.8 % GRADIENT= .71
HIGHEST ELEVATION (m)=3304.0 LOWEST ELEVATION (m)=1158.1 NATIVE MOUNTAIN WHITEFISH, INTRODUCED BROWN TROUT, RAINBOW AND CUTTHROAT X RAINBOW HYBRID. THERE IS A THERMAL INFLUENCE.

Parameter Inventory for Station: YELL0414

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: YELL0415

NPS Station ID: YELL0415
LAT/LON: 45.018059/ 110.651476
Agency: 11NPSYSP
Date Created: 07/07/90
Location: BEAR CREEK AT MOUTH
FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 101200000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 4.40
On/Off RF1:
RF3 Index: 10070001072300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.20
On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)=12293.40 STREAM LENGTH (km)= 17.3 % GRADIENT= 7.9
HIGHEST ELEVATION (m)=2974.8 LOWEST ELEVATION (m)=1609.3 NATIVE CUTTHROAT TROUT, AND INTRODUCED MOUNTAIN WHITEFISH, RAINBOW, BROWN, AND CUTTHROAT X RAINBOW TROUT HYBRIDS PRESENT.

Parameter Inventory for Station: YELL0415

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: YELL0416

NPS Station ID: YELL0416
LAT/LON: 45.021671/ 109.928892
Agency: 21MTHDWQ
Date Created: 10/12/85
Location: SODA BUTTE CR BELOW TAILINGS PIPE
FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 1949SO03
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE RIVER
ECO Region:
RF1 Index: 10070001161
RF1 Mile Point: 14.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001016109.84
RF3 Mile Point: 11.42
Distance from RF3: 0.00
On/Off RF3:
Description:
COOKE CITY PROJECT

Parameter Inventory for Station: YELL0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/86-07/23/86	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/82-07/23/86	2	254.5	254.5	258.	251.	24.5	4.95	**	**	**	**
00400	PH (STANDARD UNITS)	07/23/86-07/23/86	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/23/86-07/23/86	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/86-07/23/86	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/13/82-08/13/82	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/13/82-08/13/82	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/82-08/13/82	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/82-07/23/86	2	82.	82.	83.	81.	2.	1.414	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/13/82-08/13/82	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/13/82-08/13/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/86-07/23/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/17/75-06/17/75	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/82-07/23/86	2	279.5	279.5	430.	129.	45300.5	212.839	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/82-07/23/86	2	40.55	40.55	41.9	39.2	3.645	1.909	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/82-07/23/86	2	43.3	43.3	79.	7.6	2548.98	50.487	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/86-07/23/86	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/13/82-07/23/86	2	32.	32.	32.	32.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/13/82-07/23/86	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/82-07/23/86	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/13/82-07/23/86	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/23/86-07/23/86	1	6479.	6479.	6479.	6479.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/86-07/23/86	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/82-07/23/86	2	18.5	18.5	30.	7.	264.5	16.263	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/86-07/23/86	1	70.	70.	70.	70.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0416

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: YELL0416

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	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.	2	0	0.00							2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00							2	0	0.00			
		Drinking Water	50.	2	0	0.00							2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	1	0.50							2	1	0.50			
		Drinking Water	1300.	2	0	0.00							2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00							2	0	0.00			

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

Station Inventory for Station: YELL0417

NPS Station ID: YELL0417 LAT/LON: 45.022781/ 109.922782 Agency: 21MTHDWQ Date Created: 10/12/85
Location: SODA BUTTE CREEK UPSTR.MCLAREN TAILINGS FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1949SO01
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE RIVER ECO Region:
RF1 Index: 10070001161 RF1 Mile Point: 14.260 Distance from RF1: 13.10 On/Off RF1: OFF
RF3 Index: 10070006128000.00 RF3 Mile Point: 2.99 Distance from RF3: 0.04 On/Off RF3:
Description:
SURVEILLANCE MON.-INGMAN

Parameter Inventory for Station: YELL0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/86-07/23/86	2	8.6	8.6	9.8	7.4	2.88	1.697	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/82-07/23/86	3	246.	240.667	246.	230.	85.333	9.238	**	**	**	**
00400	PH (STANDARD UNITS)	07/23/86-07/23/86	2	7.75	7.75	7.75	7.75	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/23/86-07/23/86	2	7.75	7.75	7.75	7.75	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/86-07/23/86	2	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/13/82-08/13/82	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/13/82-08/13/82	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/82-08/13/82	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/13/82-07/23/86	3	110.	105.667	123.	84.	394.333	19.858	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/23/86-07/23/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/13/82-07/23/86	3	129.	129.333	136.	123.	42.333	6.506	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/82-07/23/86	3	39.4	39.8	42.3	37.7	5.41	2.326	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/82-07/23/86	3	7.3	7.2	7.4	6.9	0.07	0.265	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/23/86-07/23/86	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/13/82-07/23/86	3	8.	14.	27.	7.	127.	11.269	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/13/82-07/23/86	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/13/82-07/23/86	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/13/82-07/23/86	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/23/86-07/23/86	2	455.	455.	900.	10.	396050.	629.325	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/23/86-07/23/86	2 ##	26.25	26.25	50.	2.5	1128.125	33.588	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/13/82-07/23/86	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/23/86-07/23/86	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0417

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: YELL0417

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00							3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00							3	0	0.00			
		Drinking Water	50.	3	0	0.00							3	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00							3	0	0.00			
		Drinking Water	5.	3	0	0.00							3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00							3	0	0.00			
		Drinking Water	1300.	3	0	0.00							3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	3	0	0.00							3	0	0.00			

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

Station Inventory for Station: YELL0418

NPS Station ID: YELL0418
LAT/LON: 45.022781/ 109.924448
Agency: 113FORS1
Date Created: / /
Location: MILLER CRK AT COOKE CITY HWY
FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06187910 /101400001103
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE - SODA BUTTEEK
ECO Region:
RF1 Index: 10070001161
RF1 Mile Point: 14.260
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070002004900.95
RF3 Mile Point: 1.29
Distance from RF3: 0.00
On/Off RF3:
Description:
T9S,R14E, SEC.25ABD STATION LOCATED APPROX.25MILE NORTH-EAST OF COOKE CITY, MT. SAMPLE SITE IS ABOVE CULVERT NEAR COOKE CITY HIGHWAY. FIELD PARAMETERS INCLUDE: TEMP DISCHARGE, DISSOLVED OXYGEN, CONDUCTIVITY, ALKALINITY, PH, TURBIDITY. STATION OPERATED BY THE CUSTER NATIONAL FOREST. STATION ACTIVATED

Parameter Inventory for Station: YELL0418

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/26/71-08/26/71	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/26/71-08/26/71	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/71-08/26/71	1	152.	152.	152.	152.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/26/71-08/26/71	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/26/71-08/26/71	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/71-08/26/71	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/71-08/26/71	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/26/71-08/26/71	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/26/71-08/26/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/26/71-08/26/71	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/26/71-08/26/71	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00901	HARDNESS, CARBONATE (MG/L AS CACO3)	08/26/71-08/26/71	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/26/71-08/26/71	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/71-08/26/71	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/71-08/26/71	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/71-08/26/71	1	0.81	0.81	0.81	0.81	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/26/71-08/26/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/71-08/26/71	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/71-08/26/71	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/26/71-08/26/71	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/71-08/26/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/71-08/26/71	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/26/71-08/26/71	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/71-08/26/71	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/26/71-08/26/71	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/71-08/26/71	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/71-08/26/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/26/71-08/26/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/26/71-08/26/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	08/26/71-08/26/71	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: YELL0418

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	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
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0419

NPS Station ID: YELL0419
LAT/LON: 45.028615/ 110.660281
Agency: 21MTHDWQ
Date Created: 10/12/85
Location: YELLOWSTONE R ABOVE BEAR CR
FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 1944YE01
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE RIVER
ECO Region:
RF1 Index: 10070001022
RF1 Mile Point: 0.350
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001019000.00
RF3 Mile Point: 0.26
Distance from RF3: 0.12
On/Off RF3:
Description:
MF&G YELLOWSTONE PROJ

Parameter Inventory for Station: YELL0419

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/26/78-04/18/78	2	3.15	3.15	4.3	2.	2.645	1.626	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/78-07/18/78	3	203.	198.667	285.	108.	7846.333	88.58	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/26/78-07/18/78	3	7.6	7.633	7.8	7.5	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/78-07/18/78	3	7.6	7.616	7.8	7.5	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/78-07/18/78	3	0.025	0.024	0.032	0.016	0.	0.008	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/78-07/18/78	3	45.	43.667	71.	15.	785.333	28.024	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/26/78-07/18/78	3	55.	53.333	87.	18.	1192.333	34.53	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/26/78-07/18/78	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/78-07/18/78	3	12.	14.	23.	7.	67.	8.185	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/26/78-07/18/78	3	0.07	0.097	0.19	0.03	0.007	0.083	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/26/78-07/18/78	3	0.11	0.243	0.6	0.02	0.097	0.312	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/78-07/18/78	3	0.03	0.03	0.041	0.02	0.	0.011	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/78-07/18/78	3	40.	41.667	57.	28.	212.333	14.572	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/26/78-07/18/78	3	12.	11.567	12.7	10.	1.963	1.401	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/26/78-04/18/78	2	4.9	4.9	6.2	3.6	3.38	1.838	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/26/78-07/18/78	3	20.	20.367	32.	9.1	131.203	11.454	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/18/78-07/18/78	2	3.1	3.1	4.5	1.7	3.92	1.98	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/78-04/18/78	2	13.5	13.5	17.	10.	24.5	4.95	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/26/78-07/18/78	3	18.	19.333	32.	8.	145.333	12.055	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/26/78-01/26/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/26/78-01/26/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/26/78-01/26/78	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/26/78-01/26/78	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/26/78-01/26/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	01/26/78-01/26/78	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	01/26/78-01/26/78	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/26/78-01/26/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/26/78-04/18/78	2	154.	154.	158.	150.	32.	5.657	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/26/78-07/18/78	3	0.018	0.017	0.021	0.012	0.	0.005	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/26/78-01/26/78	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: YELL0419

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00	1	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
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.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: YELL0420

NPS Station ID: YELL0420
LAT/LON: 45.031670/ 110.703616
Agency: 112WRD
Date Created: / /
Location: YELLOWSTONE R AT GARDINER, MONT.
FIPS State/County: 30029 MONTANA/FLATHEAD
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06191100
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001003
RF1 Mile Point: 4.330
Distance from RF1: 10.00
On/Off RF1: OFF
RF3 Index: 10070006127406.42
RF3 Mile Point: 6.42
Distance from RF3: 0.25
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	03/03/71-03/03/71	1	1050.	1050.	1050.	1050.	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	03/03/71-03/03/71	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: YELL0420

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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									

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

Station Inventory for Station: YELL0421

NPS Station ID: YELL0421 LAT/LON: 45.033477/ 110.784810 Agency: 11NPSYSP Date Created: 07/07/90
Location: ELECTRIC CREEK 91 METERS FROM CONFLUENCE FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 100202000000001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.20 On/Off RF1:
RF3 Index: 10070001000204.03 RF3 Mile Point: 4.64 Distance from RF3: 0.17 On/Off RF3:
Description:
STREAM ORDER= 1 WATERSHED SIZE (ha)= 383.25 STREAM LENGTH (km)= 5.09 % GRADIENT= 23.11
HIGHEST ELEVATION (m)=2980.8 LOWEST ELEVATION (m)=1804.3

Parameter Inventory for Station: YELL0421

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: YELL0422

NPS Station ID: YELL0422
LAT/LON: 45.034531/ 110.734615
Agency: 11NPSYSP
Date Created: 07/07/90
Location: LANDSLIDE CREEK AT ROAD
FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100500000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 6.80
On/Off RF1:
RF3 Index: 10070001071000.89
RF3 Mile Point: 0.92
Distance from RF3: 0.00
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 598.94 STREAM LENGTH (km)= 5.0 % GRADIENT= 8.97
HIGHEST ELEVATION (m)=2023.9 LOWEST ELEVATION (m)=1575.2

Parameter Inventory for Station: YELL0422

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: YELL0423

NPS Station ID: YELL0423
LAT/LON: 45.034726/ 111.133727
Agency: 11NPSYSP
Date Created: 07/07/90
Location: DALY CREEK AT TRAILHEAD
FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 500300000000001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10020008
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: UPPER MISSOURI
ECO Region:
RF1 Index: 10020008
RF1 Mile Point: 0.000
Distance from RF1: 2.10
On/Off RF1:
RF3 Index: 10020007010100.00
RF3 Mile Point: 2.10
Distance from RF3: 0.24
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 2504.53 STREAM LENGTH (km)= 7.09 % GRADIENT= 5.85
HIGHEST ELEVATION (m)=2462.8 LOWEST ELEVATION (m)=2048.3 NATIVE CUTTHROAT PRESENT.

Parameter Inventory for Station: YELL0423

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: YELL0424

NPS Station ID: YELL0424
LAT/LON: 45.034809/ 110.750477
Agency: 11NPSYSP
Date Created: 07/07/90
Location: STEPHENS CREEK AT ROAD
FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100400000000001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 3.70
On/Off RF1:
RF3 Index: 10070001112400.00
RF3 Mile Point: 5.56
Distance from RF3: 0.15
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)=1079.18 STREAM LENGTH (km)= 6.2 % GRADIENT= 12.97
HIGHEST ELEVATION (m)=2377.4 LOWEST ELEVATION (m)=1576.5

Parameter Inventory for Station: YELL0424

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: YELL0425

NPS Station ID: YELL0425
LAT/LON: 45.044448/ 111.130559
Agency: 112WRD
Date Created: / /
Location: GALLATIN RIVER NR YELLOWSTONE NA
FIPS State/County: 56029 WYOMING/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06042965
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10020008039
RF1 Mile Point: 3.350
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070006005807.07
RF3 Mile Point: 7.07
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/04/72-03/04/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	03/04/72-03/04/72	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0425

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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									

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

Station Inventory for Station: YELL0426

NPS Station ID: YELL0426
LAT/LON: 45.050337/ 110.667615
Agency: 11NPSYSP
Date Created: 07/07/90
Location: EAGLE CR. AT CAMPGROUND
FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 100900000000001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 2.30
On/Off RF1:
RF3 Index: 10070002007301.26
RF3 Mile Point: 2.56
Distance from RF3: 0.02
On/Off RF3:
Description:
STREAM ORDER= 2 WATERSHED SIZE (ha)= 1309.93 STREAM LENGTH (km)= 8.1 % GRADIENT= 11.91
HIGHEST ELEVATION (m)=2560.3 LOWEST ELEVATION (m)=1595.6

Parameter Inventory for Station: YELL0426

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: YELL0427

NPS Station ID: YELL0427 LAT/LON: 45.050392/ 110.967504 Agency: 11NPSYSP Date Created: 05/24/86
Location: CRAG L. HEAD OF E.FORK SPECIMEN CK N.TIP NW YNP FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 500900000000055
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008 Depth of Water: 19 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020008 RF1 Mile Point: 0.000 Distance from RF1: 11.40 On/Off RF1:
RF3 Index: 10020008013400.00 RF3 Mile Point: 0.00 Distance from RF3: 0.13 On/Off RF3:
Description:
ELEVATION (m)= 2682 CAPACITY (m cubed)= 84900 DRAINAGE AREA (ha)= 60.7 SURFACE AREA (ha)= 3
AVERAGE DEPTH (m)=2.83 MAX DEPTH (m)= 6.4 0 FISH; PROBABLE UNOFFICIAL STOCKING OF CUTTHROAT, BACK TO FISHLESS STAT
E DUE TO LACK OF SUITABLE SPAWNING HABITAT.

Parameter Inventory for Station: YELL0427

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/79-09/01/79	1	12.7	12.7	12.7	12.7	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/01/79-09/01/79	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/01/79-09/01/79	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/01/79-09/01/79	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/01/79-09/01/79	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/01/79-09/01/79	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/79-09/01/79	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/01/79-09/01/79	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/01/79-09/01/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/01/79-09/01/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/01/79-09/01/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/01/79-09/01/79	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/01/79-09/01/79	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/01/79-09/01/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/01/79-09/01/79	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/79-09/01/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/01/79-09/01/79	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	09/01/79-09/01/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/01/79-09/01/79	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/01/79-09/01/79	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/01/79-09/01/79	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/79-09/01/79	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

Parameter Inventory for Station: YELL0427

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/79-09/01/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/01/79-09/01/79	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/01/79-09/01/79	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/01/79-09/01/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/01/79-09/01/79	1	15.	15.	15.	15.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/01/79-09/01/79	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/01/79-09/01/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/01/79-09/01/79	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0427

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0428

NPS Station ID: YELL0428 LAT/LON: 45.050642/ 110.933643 Agency: 11NPSYSP Date Created: 05/24/86
Location: HIGH L. E.FORK OF SPECIMEN CK N.TIP NW YNP FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 500900000000051
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008 Depth of Water: 16 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020008 RF1 Mile Point: 0.000 Distance from RF1: 6.80 On/Off RF1:
RF3 Index: 10070001002204.93 RF3 Mile Point: 7.29 Distance from RF3: 0.34 On/Off RF3:
Description:
ELEVATION (m)= 2674 CAPACITY (m cubed)= 66120 DRAINAGE AREA (ha)= 97.1 SURFACE AREA (ha)= 2.9
AVERAGE DEPTH (m)=2.28 MAX DEPTH (m)= 5.5 INTRODUCED CUTTHROAT; 1937 16,000 WERE STOCKED , GOOD NATURALLY MAINTAIN
ED POPULATION SINCE THEN.

Parameter Inventory for Station: YELL0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/79-09/01/79	1	11.7	11.7	11.7	11.7	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/01/79-09/01/79	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/01/79-09/01/79	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/01/79-09/01/79	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/01/79-09/01/79	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/01/79-09/01/79	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/79-09/01/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/01/79-09/01/79	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/01/79-09/01/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/01/79-09/01/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/01/79-09/01/79	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/01/79-09/01/79	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/01/79-09/01/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/01/79-09/01/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/01/79-09/01/79	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/79-09/01/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/01/79-09/01/79	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	09/01/79-09/01/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/01/79-09/01/79	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/01/79-09/01/79	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/01/79-09/01/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/79-09/01/79	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/79-09/01/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/01/79-09/01/79	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/01/79-09/01/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/01/79-09/01/79	1	13.3	13.3	13.3	13.3	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/01/79-09/01/79	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/01/79-09/01/79	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/01/79-09/01/79	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: YELL0428

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0429

NPS Station ID: YELL0429 LAT/LON: 45.050642/ 111.000005 Agency: 11NPSYSP Date Created: 05/24/86
Location: CRESENT L. N.FORK SPECIMEN CREEK N.TIP NW YNP FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 500900000000053
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008 Depth of Water: 45 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: UPPER MISSOURI ECO Region:
RF1 Index: 10020008 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10020008009203.64 RF3 Mile Point: 4.52 Distance from RF3: 0.03 On/Off RF3:
Description:
ELEVATION (m)= 2621 CAPACITY (m cubed)= 303030 DRAINAGE AREA (ha)= 56.6 SURFACE AREA (ha)= 6.3
AVERAGE DEPTH (m)=4.81 MAX DEPTH (m)= 14.6 O FISH; UNOFFICIAL STOCKING OF CUTTHROAT, RETURNED TO FISHLESS STATE DUE TO LACK OF SUITABLE HABITAT.

Parameter Inventory for Station: YELL0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/79-09/01/79	1	12.2	12.2	12.2	12.2	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/01/79-09/01/79	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/01/79-09/01/79	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/01/79-09/01/79	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/01/79-09/01/79	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/01/79-09/01/79	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/79-09/01/79	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/01/79-09/01/79	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	09/01/79-09/01/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	09/01/79-09/01/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/01/79-09/01/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/01/79-09/01/79	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/01/79-09/01/79	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/01/79-09/01/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/01/79-09/01/79	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/79-09/01/79	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	09/01/79-09/01/79	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	09/01/79-09/01/79	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	09/01/79-09/01/79	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	09/01/79-09/01/79	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	09/01/79-09/01/79	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/79-09/01/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: YELL0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/79-09/01/79	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	09/01/79-09/01/79	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/01/79-09/01/79	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/01/79-09/01/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	09/01/79-09/01/79	1	13.8	13.8	13.8	13.8	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	09/01/79-09/01/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	09/01/79-09/01/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71883	MANGANESE, TOTAL ELEMENTAL (UG/L AS MN)	09/01/79-09/01/79	1	50.	50.	50.	50.	0.	0.	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/01/79-09/01/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/01/79-09/01/79	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0429

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
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
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
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0430

NPS Station ID: YELL0430 LAT/LON: 45.051948/ 110.741115 Agency: 21MTHDWQ Date Created: 01/09/93
Location: YELLOWSTONE R AT MCCONNELL RIVER ACCESS FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 1943YE01
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10070002 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE RIVER ECO Region:
RF1 Index: 10070002 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10070002004302.02 RF3 Mile Point: 2.01 Distance from RF3: 0.01 On/Off RF3:
Description:
R.C. NO. 2521

Parameter Inventory for Station: YELL0430

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/92-04/22/92	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/22/92-04/22/92	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/22/92-04/22/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/22/92-04/22/92	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/22/92-04/22/92	1	0.069	0.069	0.069	0.069	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/22/92-04/22/92	1	0.062	0.062	0.062	0.062	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0430

				Total	Exceed	Prop.	----------11/01-4/15----------			----------4/16-6/15----------			----------6/16-8/15----------			----------8/16-10/31----------		
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.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: YELL0431

NPS Station ID: YELL0431
LAT/LON: 45.053892/ 109.966670
Agency: 113FORS1
Date Created: / /
Location: STILLWATER R AT DAISY PASS #4
FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06201755 /101402000205
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10070005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE - UPPER
ECO Region:
RF1 Index: 10070005
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10070002009112.51
RF3 Mile Point: 14.35
Distance from RF3: 0.00
On/Off RF3:
Description:
T9S,R14E, SEC 15ABD STATION LOCATED APPROX. 3 MILES NORTH OF COOKE CITY, MT. SAMPLE SITE IS APPROX. 100FT. UPSTREAM FROM FIRST OBSERVABLE ACID DRAINAGE. STATION IS INCLUDED AS PART OF A SPECIAL STUDY TO LOCATE SOURCE OF ACID DRAINAGE IN DAISY PASS AREA. FIELD PARAMETERS INCLUDE: DISCHARGE, DISSOLVED

Parameter Inventory for Station: YELL0431

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/24/71-08/24/71	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/24/71-08/24/71	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/71-08/24/71	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/24/71-08/24/71	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/24/71-08/24/71	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/71-08/24/71	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/71-08/24/71	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/24/71-08/24/71	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/24/71-08/24/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/24/71-08/24/71	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/71-08/24/71	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00901	HARDNESS, CARBONATE (MG/L AS CACO3)	08/24/71-08/24/71	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/24/71-08/24/71	1	91.	91.	91.	91.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/24/71-08/24/71	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/71-08/24/71	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/71-08/24/71	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/24/71-08/24/71	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/24/71-08/24/71	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/71-08/24/71	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/71-08/24/71	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/24/71-08/24/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/71-08/24/71	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/24/71-08/24/71	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/24/71-08/24/71	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/24/71-08/24/71	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/71-08/24/71	1	80.	80.	80.	80.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/24/71-08/24/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/24/71-08/24/71	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	08/24/71-08/24/71	1	3.21	3.21	3.21	3.21	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0431

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0432

NPS Station ID: YELL0432 | LAT/LON: 45.055559/ 109.968893 | Agency: 113FORS1 | Date Created: / /
Location: STILLWATER R AT DAISY PASS #3 | FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 06201757 /101402000206
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10070005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI | Elevation: 0 | Water Body Id:
Minor Basin: YELLOWSTONE - UPPER | ECO Region:
RF1 Index: 10070005 | RF1 Mile Point: 0.000 | Distance from RF1: 5.30 | On/Off RF1:
RF3 Index: 17040203068700.00 | RF3 Mile Point: 1.09 | Distance from RF3: 0.00 | On/Off RF3:
Description:
T9S,R14E, SEC.15ABBD STATION LOCATED APPROX. 3 MILES NORTH OF COOKE CITY, MT. SAMPLE SITE IS APPROX. 50FT DOWNSTREAM FROM FIRST ACID DRAINAGE AND APPROX. 10FT UPSTREAM FROM SECOND ACID DRAINAGE STREAM. PART OF A SPECIAL STUDY TO LOCATE SOURCES OF ACID DRAINAGE IN DAISY PASS AREA. FIELD PARAMETERS

Parameter Inventory for Station: YELL0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/24/71-08/24/71	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/24/71-08/24/71	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/71-08/24/71	1	480.	480.	480.	480.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/24/71-08/24/71	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/24/71-08/24/71	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/71-08/24/71	1	63.096	63.096	63.096	63.096	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/71-08/24/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/24/71-08/24/71	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/71-08/24/71	1	156.	156.	156.	156.	0.	0.	**	**	**	**
00901	HARDNESS, CARBONATE (MG/L AS CACO3)	08/24/71-08/24/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/24/71-08/24/71	1	156.	156.	156.	156.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/24/71-08/24/71	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/71-08/24/71	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/71-08/24/71	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/24/71-08/24/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/24/71-08/24/71	1	0.95	0.95	0.95	0.95	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/71-08/24/71	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/71-08/24/71	1	234.	234.	234.	234.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/24/71-08/24/71	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/71-08/24/71	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/24/71-08/24/71	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/24/71-08/24/71	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/24/71-08/24/71	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/24/71-08/24/71	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/71-08/24/71	1	1380.	1380.	1380.	1380.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/24/71-08/24/71	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/24/71-08/24/71	1	5600.	5600.	5600.	5600.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/24/71-08/24/71	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	08/24/71-08/24/71	1	9.17	9.17	9.17	9.17	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0432

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
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
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
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	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												
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0433

NPS Station ID: YELL0433
LAT/LON: 45.057781/ 110.157503
Agency: 113FORS1
Date Created: / /
Location: SLOUGH CRK BY FS GUARD STATION
FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06187980 /101400001120
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE - SLOUGH CREEK
ECO Region:
RF1 Index: 10070001166
RF1 Mile Point: 8.240
Distance from RF1: 21.80
On/Off RF1: OFF
RF3 Index: 10070001019202.19
RF3 Mile Point: 2.20
Distance from RF3: 0.04
On/Off RF3:
Description:
T9S,R13E, SEC.7CDB STATION LOCATED APPROX. 9 MILES NORTH-WEST SILVERGATE, MT. SAMPLE SITE ADJACENT TO FOREST SERVICE SLOUGH CREEK GUARD STATION. FIELD PARAMETERS INCLUDE: DISCHARGE, DISSOLVED OXYGEN, CONDUCTANCE, ALKALINITY, TEMP, PH, TURBIDITY. STATION OPERATED BY THE CUSTER NATIONAL FOREST. STATION

Parameter Inventory for Station: YELL0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	08/10/71-08/10/71	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/71-08/10/71	1	133.	133.	133.	133.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/10/71-08/10/71	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/10/71-08/10/71	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/71-08/10/71	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/10/71-08/10/71	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/10/71-08/10/71	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/10/71-08/10/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/10/71-08/10/71	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00901	HARDNESS, CARBONATE (MG/L AS CACO3)	08/10/71-08/10/71	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/10/71-08/10/71	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/10/71-08/10/71	1	17.9	17.9	17.9	17.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/10/71-08/10/71	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/10/71-08/10/71	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/10/71-08/10/71	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/10/71-08/10/71	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/71-08/10/71	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/71-08/10/71	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/71-08/10/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/71-08/10/71	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/10/71-08/10/71	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/10/71-08/10/71	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/10/71-08/10/71	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/71-08/10/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/10/71-08/10/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/10/71-08/10/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	08/10/71-08/10/71	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: YELL0433

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
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			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0434

NPS Station ID: YELL0434
LAT/LON: 45.065560/ 110.637226
Agency: 21MTHDWQ
Date Created: 10/12/85
Location: BEAR CREEK ABOVE UPSTREAM TAILING POND
FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 1944BE01
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE RIVER
ECO Region:
RF1 Index: 10070001175
RF1 Mile Point: 3.080
Distance from RF1: 0.60
On/Off RF1: OFF
RF3 Index: 10070002008800.00
RF3 Mile Point: 0.17
Distance from RF3: 0.03
On/Off RF3:
Description:
COMPLAINT INVESTIGATION

Parameter Inventory for Station: YELL0434

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/20/83-04/20/83	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/20/83-04/20/83	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/83-04/20/83	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/83-04/20/83	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/20/83-04/20/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/20/83-04/20/83	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: YELL0434

Parameter				Total	Exceed	Prop.	11/01-4/15			4/16-6/15			6/16-8/15			8/16-10/31		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: YELL0435

NPS Station ID: YELL0435
LAT/LON: 45.066670/ 110.633337
Agency: 112WRD
Date Created: 05/19/84
Location: BEAR CREEK NEAR JARDINE, MT.
FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06189500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001175
RF1 Mile Point: 3.430
Distance from RF1: 8.00
On/Off RF1: OFF
RF3 Index: 10070002126100.00
RF3 Mile Point: 4.53
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0435

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/82-10/13/83	12	0.75	2.417	8.5	0.	9.129	3.021	0.	0.	5.25	7.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/15/82-10/13/83	13	24.	75.692	361.	8.	12706.397	112.723	8.4	10.	112.	312.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/82-10/13/83	13	91.	81.154	110.	44.	526.808	22.952	44.4	59.	98.5	106.
00400	PH (STANDARD UNITS)	11/15/82-10/13/83	13	7.7	7.692	8.1	7.2	0.059	0.243	7.28	7.55	7.9	8.02
00400	CONVERTED PH (STANDARD UNITS)	11/15/82-10/13/83	13	7.7	7.626	8.1	7.2	0.064	0.253	7.28	7.55	7.9	8.02
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/82-10/13/83	13	0.02	0.024	0.063	0.008	0.	0.015	0.01	0.013	0.028	0.054

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

EPA Water Quality Criteria Analysis for Station: YELL0435

				Total	Exceed	Prop.	11/01-4/15			4/16-6/15			6/16-8/15			8/16-10/31		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	13	0	0.00	6	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	13	0	0.00	6	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00

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

Station Inventory for Station: YELL0436

NPS Station ID: YELL0436
LAT/LON: 45.073337/ 110.994448
Agency: 113FORS1
Date Created: / /
Location: STILLWATER R AT FORD
FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06201765 /101402000215
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10020008
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE - UPPER
ECO Region:
RF1 Index: 10020008047
RF1 Mile Point: 7.680
Distance from RF1: 22.20
On/Off RF1: OFF
RF3 Index: 10070001079900.00
RF3 Mile Point: 0.87
Distance from RF3: 1.18
On/Off RF3:
Description:
T9S,R14E, SEC.4CA STATION LOCATED APPROX. 5 MILES NORTH-WEST OF COOKE CITY, MT. SAMPLE SITE IS IMMEDIATELY ABOVE LAKE ABUNDANCE ROAD,FORD. FIELD PARAMETERS INCLUDE: DISCHARGE, DISSOLVED OXYGEN, CONDUCTANCE, ALKALINITY, TEMP, PH, TURBIDITY. STATION OPERATED BY THE CUSTER NATIONAL FOREST. STATION

Parameter Inventory for Station: YELL0436

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/24/71-08/24/71	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/24/71-08/24/71	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/71-08/24/71	1	168.	168.	168.	168.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/24/71-08/24/71	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/24/71-08/24/71	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/71-08/24/71	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/71-08/24/71	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/24/71-08/24/71	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/24/71-08/24/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/24/71-08/24/71	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/71-08/24/71	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00901	HARDNESS, CARBONATE (MG/L AS CACO3)	08/24/71-08/24/71	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/24/71-08/24/71	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/24/71-08/24/71	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/71-08/24/71	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/71-08/24/71	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/24/71-08/24/71	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/24/71-08/24/71	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/71-08/24/71	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/71-08/24/71	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/24/71-08/24/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/71-08/24/71	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/24/71-08/24/71	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/24/71-08/24/71	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/24/71-08/24/71	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/24/71-08/24/71	1	160.	160.	160.	160.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/24/71-08/24/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/24/71-08/24/71	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	08/24/71-08/24/71	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: YELL0436

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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
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
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0437

NPS Station ID: YELL0437
LAT/LON: 45.075003/ 110.633060
Agency: 112WRD
Date Created: 05/19/84
Location: NORTH FORK BEAR CREEK AT JARDINE MT
FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 450430110375901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10070001175
RF1 Mile Point: 3.910
Distance from RF1: 23.90
On/Off RF1: ON
RF3 Index: 10070002012600.00
RF3 Mile Point: 7.22
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: YELL0437

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/82-10/13/83	13	1.	2.577	8.5	0.	8.66	2.943	0.	0.	5.	7.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/15/82-10/13/83	13	10.	25.692	101.	2.	1224.231	34.989	2.8	5.	34.5	99.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/82-10/13/83	13	109.	99.231	136.	51.	854.526	29.232	51.	74.5	120.5	132.8
00400	PH (STANDARD UNITS)	11/15/82-10/13/83	13	7.8	7.762	8.1	7.3	0.054	0.233	7.34	7.65	7.9	8.1
00400	CONVERTED PH (STANDARD UNITS)	11/15/82-10/13/83	13	7.8	7.7	8.1	7.3	0.058	0.242	7.34	7.65	7.9	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/82-10/13/83	13	0.016	0.02	0.05	0.008	0.	0.012	0.008	0.013	0.023	0.046

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

EPA Water Quality Criteria Analysis for Station: YELL0437

				Total	Exceed	Prop.	11/01-4/15			4/16-6/15			6/16-8/15			8/16-10/31		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	13	0	0.00	6	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	13	0	0.00	6	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00

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

Station Inventory for Station: YELL0438

NPS Station ID: YELL0438
LAT/LON: 45.080559/ 110.634726
Agency: 21MTHDWQ
Date Created: 10/12/85
Location: BEAR CREEK BELOW UPSTREAM TAILING POND
FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 1944BE02
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE RIVER
ECO Region:
RF1 Index: 10070001175
RF1 Mile Point: 4.520
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001017502.74
RF3 Mile Point: 6.58
Distance from RF3: 0.01
On/Off RF3:
Description:
COMPLAINT INVESTIGATION

Parameter Inventory for Station: YELL0438

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/20/83-04/20/83	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/83-04/20/83	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/20/83-04/20/83	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/83-04/20/83	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/83-04/20/83	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/20/83-04/20/83	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/20/83-04/20/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/20/83-04/20/83	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0438

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: YELL0439

NPS Station ID: YELL0439
LAT/LON: 45.131670/ 110.071949
Agency: 113FORS1
Date Created: / /
Location: CREEK DRAINING HORSESHOE BASIN
FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06187970 /101400001115
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE - SLOUGH CREEK
ECO Region:
RF1 Index: 10070001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10070001019600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.05
On/Off RF3:
Description:
T8S,R13E, SEC.14DBC STATION LOCATED APPROX. 9 MILES NORTH-WEST OF SILVERGATE, MT. SAMPLE SITE IS AT BOTTOM OF HORSESHOE BASIN 100FT UPSTREAM FROM CONFLUENCE WITH ROCK CREEK. FIELD PARAMETERS INCLUDE: DISCHARGE, DISSOLVED OXYGEN, TEMP, PH, ALKALINITY, CONDUCTANCE, TURBIDITY. STATION OPERATED BY THE CUSTER

Parameter Inventory for Station: YELL0439

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	08/10/71-08/10/71	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/71-08/10/71	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/10/71-08/10/71	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/10/71-08/10/71	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/71-08/10/71	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/10/71-08/10/71	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/10/71-08/10/71	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/10/71-08/10/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/10/71-08/10/71	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/10/71-08/10/71	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00901	HARDNESS, CARBONATE (MG/L AS CACO3)	08/10/71-08/10/71	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/10/71-08/10/71	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/10/71-08/10/71	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/10/71-08/10/71	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/10/71-08/10/71	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/10/71-08/10/71	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/10/71-08/10/71	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/71-08/10/71	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/71-08/10/71	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/71-08/10/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/71-08/10/71	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/10/71-08/10/71	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/10/71-08/10/71	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/10/71-08/10/71	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/10/71-08/10/71	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/71-08/10/71	1	80.	80.	80.	80.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/10/71-08/10/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/10/71-08/10/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	08/10/71-08/10/71	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: YELL0439

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	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			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0440

NPS Station ID: YELL0440 LAT/LON: 45.150559/ 110.383420 Agency: 11NPSYSP Date Created: 07/07/90
Location: HELLROARING CREEK 200 M ABOVE BULL MOOSE CABIN FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 102600000000002
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 2.40 On/Off RF1:
RF3 Index: 10070001024100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.41 On/Off RF3:
Description:
STREAM ORDER= 4 WATERSHED SIZE (ha)= 7129.64 STREAM LENGTH (km)= 10.6 % GRADIENT= 4.88
HIGHEST ELEVATION (m)=2743.2 LOWEST ELEVATION (m)=2225.5 I-CUTTHROAT RAINBOW HYBRID

Parameter Inventory for Station: YELL0440

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: YELL0441

NPS Station ID: YELL0441
LAT/LON: 45.151670/ 110.125837
Agency: 113FORS1
Date Created: / /
Location: WOUNDED MAN CRK ABV SLOUGH CRK
FIPS State/County: 30067 MONTANA/PARK
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06187960 /101400001110
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10070001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE - SLOUGH CREEK
ECO Region:
RF1 Index: 10070001168
RF1 Mile Point: 3.990
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10070001079900.00
RF3 Mile Point: 0.01
Distance from RF3: 0.05
On/Off RF3:
Description:
T8S,R13E, SEC.8ADA STATION LOCATED APPROX. 12 MILES NORTH-WEST OF SILVERGATE, MT. SAMPLE SITE IS 100FT. UPSTREAM FROM CONFLUENCE WITH SLOUGH CREEK. FIELD PARAMETERS INCLUDE: DISCHARGE, DISSOLVED OXYGEN, CONDUCTIVITY, TEMP, PH, ALKALINITY, TURBIDITY. STATION OPERATED BY THE CUSTER NATIONAL FOREST.

Parameter Inventory for Station: YELL0441

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	08/10/71-08/10/71	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/71-08/10/71	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/10/71-08/10/71	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/10/71-08/10/71	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/71-08/10/71	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/10/71-08/10/71	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/10/71-08/10/71	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/10/71-08/10/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/10/71-08/10/71	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/10/71-08/10/71	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00901	HARDNESS, CARBONATE (MG/L AS CACO3)	08/10/71-08/10/71	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/10/71-08/10/71	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/10/71-08/10/71	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/10/71-08/10/71	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/10/71-08/10/71	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/10/71-08/10/71	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/10/71-08/10/71	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/71-08/10/71	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/10/71-08/10/71	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/71-08/10/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/71-08/10/71	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/10/71-08/10/71	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/10/71-08/10/71	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/10/71-08/10/71	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/10/71-08/10/71	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/71-08/10/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/10/71-08/10/71	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	08/10/71-08/10/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/10/71-08/10/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	08/10/71-08/10/71	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: YELL0441

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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			
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			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	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			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: YELL0442

NPS Station ID: YELL0442
LAT/LON: 45.166670/ 110.166671
Agency: 21MTHDWQ
Date Created: 01/09/93
Location: BOULDER RIVER, 3 RD ORDER
FIPS State/County: 30097 MONTANA/SWEET GRASS
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 2147BO01
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10070002
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: YELLOWSTONE RIVER
ECO Region:
RF1 Index: 10070002
RF1 Mile Point: 0.000
Distance from RF1: 13.10
On/Off RF1:
RF3 Index: 10070002081800.36
RF3 Mile Point: 0.35
Distance from RF3: 0.02
On/Off RF3:
Description:
REFERENCE STREAMS SITE ABOVE BOX CANYON

Parameter Inventory for Station: YELL0442

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/91-08/22/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/22/91-08/22/91	1	118.	118.	118.	118.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/91-08/22/91	1	122.	122.	122.	122.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/22/91-08/22/91	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/22/91-08/22/91	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/91-08/22/91	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/91-08/22/91	1	61.	61.	61.	61.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/22/91-08/22/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/91-08/22/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/22/91-08/22/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/22/91-08/22/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/22/91-08/22/91	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/91-08/22/91	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/91-08/22/91	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/91-08/22/91	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/91-08/22/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/91-08/22/91	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/91-08/22/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/91-08/22/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/91-08/22/91	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/22/91-08/22/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/22/91-08/22/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/22/91-08/22/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/22/91-08/22/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/22/91-08/22/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/22/91-08/22/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/22/91-08/22/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/22/91-08/22/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/22/91-08/22/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/22/91-08/22/91	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0442

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: YELL0443

NPS Station ID: YELL0443 LAT/LON: 45.166892/ 110.368142 Agency: 11NPSYSP Date Created: 07/07/90
Location: HELLROARING CREEK 200 M ABOVE SILVER CREEK FIPS State/County: 30113 MONTANA/YELLOWSTONE NATL PAR
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 102600000000003
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10070001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI Elevation: 0 Water Body Id:
Minor Basin: YELLOWSTONE ECO Region:
RF1 Index: 10070001 RF1 Mile Point: 0.000 Distance from RF1: 0.90 On/Off RF1:
RF3 Index: 10070001017202.83 RF3 Mile Point: 3.54 Distance from RF3: 0.03 On/Off RF3:
Description:
STREAM ORDER= 3 WATERSHED SIZE (ha)= 3983.98 STREAM LENGTH (km)= 9.4 % GRADIENT= 5.18
HIGHEST ELEVATION (m)=2743.2 LOWEST ELEVATION (m)=2255.5 I-CUTTHROAT RAINBOW HYBRID

Parameter Inventory for Station: YELL0443

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: YELL0444

NPS Station ID: YELL0444
Location: (NO NAME)
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 10070001
Major Basin:
Minor Basin:
RF1 Index: 10070001
RF3 Index: 10070002082002.12
Description:

LAT/LON: 45.178337/ 110.098337
Depth of Water: 19
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 2.11

Agency: 12WLS1
FIPS State/County: 30097 MONTANA/SWEET GRASS
STORET Station ID(s): 4D3-006
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 17.40
Distance from RF3: 0.08

Date Created: 09/03/88
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: YELL0444

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/85-09/17/85	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/17/85-09/17/85	1	4.65	4.65	4.65	4.65	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/17/85-09/17/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/85-09/17/85	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/17/85-09/17/85	1	1.522	1.522	1.522	1.522	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/17/85-09/17/85	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/17/85-09/17/85	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/85-09/17/85	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/17/85-09/17/85	1	250.6	250.6	250.6	250.6	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/17/85-09/17/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/17/85-09/17/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/17/85-09/17/85	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/17/85-09/17/85	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/85-09/17/85	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/17/85-09/17/85	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/17/85-09/17/85	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/17/85-09/17/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/17/85-09/17/85	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/17/85-09/17/85	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/17/85-09/17/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/17/85-09/17/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/17/85-09/17/85	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/17/85-09/17/85	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/17/85-09/17/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/17/85-09/17/85	1	9530.81	9530.81	9530.81	9530.81	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/17/85-09/17/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/17/85-09/17/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: YELL0444

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 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: YELL0444

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00										1	0	0.00
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
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Entire YELL Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	11/01-4/15 Obs	11/01-4/15 Exceed	11/01-4/15 Prop.	4/16-6/15 Obs	4/16-6/15 Exceed	4/16-6/15 Prop.	6/16-8/15 Obs	6/16-8/15 Exceed	6/16-8/15 Prop.	8/16-10/31 Obs	8/16-10/31 Exceed	8/16-10/31 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	32	0	0.00	5	0	0.00	1	0	0.00	17	0	0.00	9	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	17	0	0.00	6	0	0.00				3	0	0.00	8	0	0.00
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	400.	8	0	0.00										8	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	184	5	0.03	14	0	0.00	8	1	0.13	49	2	0.04	113	2	0.02
00400	PH	Other-Hi Lim.	9.	662	8	0.01	46	0	0.00	73	0	0.00	218	4	0.02	325	4	0.01
		Other-Lo Lim.	6.5	662	41	0.06	46	3	0.07	73	5	0.07	218	11	0.05	325	22	0.07
00403	PH, LAB	Other-Hi Lim.	9.	114	1	0.01	26	0	0.00	20	0	0.00	27	0	0.00	41	1	0.02
		Other-Lo Lim.	6.5	114	3	0.03	26	0	0.00	20	0	0.00	27	0	0.00	41	3	0.07
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	8	3	0.38										8	3	0.38
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	6	0	0.00										6	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	3	0	0.00				1	0	0.00	7	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	314	0	0.00	24	0	0.00	27	0	0.00	116	0	0.00	147	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	106	0	0.00	7	0	0.00	15	0	0.00	18	0	0.00	66	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	2	0	0.00							2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	921	0	0.00	158	0	0.00	139	0	0.00	264	0	0.00	360	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	8	0	0.00										8	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	786	73	0.09	122	34	0.28	104	12	0.12	245	12	0.05	315	15	0.05
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	400.	3	0	0.00							3	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	0	0.00							3	0	0.00	7	0	0.00
		Drinking Water	50.	10	0	0.00							3	0	0.00	7	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	72	0	0.00	8	0	0.00	14	0	0.00	26	0	0.00	24	0	0.00
		Drinking Water	50.	72	19	0.26	8	5	0.63	14	8	0.57	26	3	0.12	24	3	0.13
01005	BARIUM, DISSOLVED	Drinking Water	2000.	4	0	0.00										4	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	17	0	0.00	1	0	0.00	3	0	0.00	9	0	0.00	4	0	0.00
		Drinking Water	5.	17	0	0.00	1	0	0.00	3	0	0.00	9	0	0.00	4	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	10	0	0.00							3	0	0.00	7	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00							3	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	4	0	0.00							3	0	0.00	1	0	0.00
		Drinking Water	1300.	4	0	0.00							3	0	0.00	1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	286	209	0.73	2	1	0.50	19	13	0.68	121	83	0.69	144	112	0.78
		Drinking Water	1300.	286	1	0.00	2	0	0.00	19	0	0.00	121	0	0.00	144	1	0.01
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00										4	0	0.00
		Drinking Water	5.	3 &	0	0.00										3	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	11	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00	4	0	0.00
		Drinking Water	5.	4 &	0	0.00							3	0	0.00	1	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	3	0	0.00										3	0	0.00
		Drinking Water	50.	3	0	0.00										3	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	17	0	0.00	1	0	0.00	3	0	0.00	9	0	0.00	4	0	0.00
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	2	0	0.00										2	0	0.00
		Drinking Water	10.	2	2	1.00										2	2	1.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	3	0	0.00										3	0	0.00
		Drinking Water	50.	3	0	0.00										3	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00							3	0	0.00	1	0	0.00
		Drinking Water	50.	4	0	0.00							3	0	0.00	1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	1	0.05	4	1	0.25	3	0	0.00	3	0	0.00	10	0	0.00
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	7	0	0.00							3	0	0.00	4	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	231	0	0.00	20	0	0.00	48	0	0.00	73	0	0.00	90	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	9	0	0.00	6	0	0.00							3	0	0.00
		Drinking Water	2.	9	0	0.00	6	0	0.00							3	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	10	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00
		Drinking Water	2.	10	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	254	0	0.00	1	0	0.00	16	0	0.00	98	0	0.00	139	0	0.00

& - 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 YELL 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 YELL Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (UEQ/L)	8	8	0	0	8
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	342	63	40	239	116
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	268	9	249	10	86
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	268	9	249	10	86
00440	BICARBONATE ION (MG/L AS HCO3)	541	12	280	249	195
00445	CARBONATE ION (MG/L AS CO3)	540	12	280	248	194
		1967	113	1098	756	685(213)[1]

pH		Total Obs.	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	662	104	315	243	202
00403	PH, LAB (STANDARD UNITS)	114	76	28	10	49
		776	180	343	253	251(229)[1]

Conductivity		Total Obs.	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	280	19	251	10	90
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	1244	806	194	244	145
		1524	825	445	254	235(231)[1]

Dissolved Oxygen		Total Obs.	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00300	OXYGEN, DISSOLVED (MG/L)	184	91	84	9	90
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	1	1	0	0	1
		185	92	84	9	91 (90)[1]

Water Temperature		Total Obs.	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	1515	829	433	253	224
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	4	0	0	4	4
		1519	829	433	257	228(228)[1]

Flow		Total Obs.	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	1	0	0	1	1
00060	FLOW, STREAM, MEAN DAILY CFS	217	0	1	216	79
00061	FLOW, STREAM, INSTANTANEOUS CFS	917	779	131	7	44
00065	STAGE, STREAM (FEET)	292	290	1	1	15
		1427	1069	133	225	139(119)[1]

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

Clarity/Turbidity		Total Obs.	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	32	0	19	13	28
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	17	16	0	1	12
00078	TRANSPARENCY, SECCHI DISC (METERS)	225	14	203	8	88
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	297	26	261	10	102
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	254	17	237	0	72
		825	73	720	32	302(112)[1]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	33	23	10	0	18
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	63	15	39	9	19
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11	0	2	9	8
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	20	20	0	0	10
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	335	18	297	20	115
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	314	20	275	19	110
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	106	32	67	7	30
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10	0	10	0	6
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	7	0	0	7	7
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	231	8	0	223	88
		1130	136	700	294	411(223)[1]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	6	0	0	6	6
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	1	0	0	1	1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	310	25	265	20	117
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	222	29	193	0	51
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	276	65	201	10	57
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	297	24	260	13	102
		1112	143	919	50	334(129)[1]

Chlorophyll		Total Obs.	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	1	1	0	0	1
		1	1	0	0	1 (1)[1]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	557	14	296	247	196
00945	SULFATE, TOTAL (MG/L AS SO4)	786	241	295	250	211
00946	SULFATE, DISSOLVED (MG/L AS SO4)	3	3	0	0	2
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	213	0	0	213	77
		1559	258	591	710	486(213)[1]

Bacteria		Total Obs.	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	13	0	13	0	4
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	20	0	20	0	11
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	13	0	13	0	4
		46	0	46	0	19 (11)[1]

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

Toxic Elements		Total Obs.	01/01/85 to 01/12/93	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	2	2	0	0	1
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10	3	0	7	10
01002	ARSENIC, TOTAL (UG/L AS AS)	72	37	34	1	34
01025	CADMIUM, DISSOLVED (UG/L AS CD)	9	3	0	6	9
01027	CADMIUM, TOTAL (UG/L AS CD)	17	8	9	0	10
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10	3	0	7	10
01034	CHROMIUM, TOTAL (UG/L AS CR)	3	3	0	0	2
01040	COPPER, DISSOLVED (UG/L AS CU)	4	0	0	4	4
01042	COPPER, TOTAL (UG/L AS CU)	286	17	259	10	96
01049	LEAD, DISSOLVED (UG/L AS PB)	4	3	0	1	4
01051	LEAD, TOTAL (UG/L AS PB)	11	4	7	0	7
71890	MERCURY, DISSOLVED (UG/L AS HG)	9	3	0	6	9
71900	MERCURY, TOTAL (UG/L AS HG)	10	3	7	0	6
01145	SELENIUM, DISSOLVED (UG/L AS SE)	3	3	0	0	3
01147	SELENIUM, TOTAL (UG/L AS SE)	4	4	0	0	3
01075	SILVER, DISSOLVED (UG/L AS AG)	3	3	0	0	3
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	0	0	1	1
01092	ZINC, TOTAL (UG/L AS ZN)	17	8	9	0	10
00720	CYANIDE, TOTAL (MG/L AS CN)	2	0	2	0	2
		477	107	327	43	224(116)[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	1967	113	5.7	213	87.7	9.2	06/16/64-08/22/91	72.4
pH	776	180	23.2	229	94.2	3.4	06/16/64-11/16/92	27.3
Conductivity	1524	825	54.1	231	95.1	6.6	10/11/51-01/12/93	36.9
Dissolved Oxygen	185	92	49.7	90	37.0	2.1	07/12/74-11/16/92	10.1
Water Temperature	1519	829	54.6	228	93.8	6.7	10/11/51-01/12/93	36.8
Flow	1427	1069	74.9	119	49.0	12.0	10/11/51-01/12/93	34.6
Clarity/Turbidity	825	73	8.8	112	46.1	7.4	10/11/51-08/22/91	20.7
Nitrate/Nitrogen	1130	136	12.0	223	91.8	5.1	06/16/64-04/22/92	40.6
Phosphate/Phosphorus	1112	143	12.9	129	53.1	8.6	08/10/71-04/22/92	53.7
Chlorophyll	1	1	100.0	1	0.4	1.0	07/23/91-07/23/91	1.0[!]
Sulfates/Total Dissolved Solids/Hardness	1559	258	16.5	213	87.7	7.3	06/16/64-09/09/92	55.2
Bacteria	46	0	0.0	11	4.5	4.2	09/30/75-09/19/76	46.0[!]
Toxic Elements	477	107	22.4	116	47.7	4.1	03/03/71-10/08/91	23.2

[!]Period of record for this parameter group was less than one year. Value shown is the total observations.

Water Quality Observations
Outside STORET Edit Criteria for YELL

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
YELL0009	00405	CARBON DIOXIDE (MG/L AS CO2)	760812	1200	300.0000000	11NPSYSP	401000000000051	
YELL0044	00403	PH, LAB, STANDARD UNITS SU	870612	1141	207.0000000	112WRD	13046680	X
YELL0120	00405	CARBON DIOXIDE (MG/L AS CO2)	790824	1200	277.0000000	11NPSYSP	116300000000051	
YELL0126	00405	CARBON DIOXIDE (MG/L AS CO2)	790815	1200	159.0000000	11NPSYSP	117200000000051	
YELL0154	01020	BORON, DISSOLVED (UG/L AS B)	690519	1255	10000.0000000	112WRD	06279850	
YELL0214	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	690716	1445	170.0000000	112WRD	06036910	X
YELL0235	00405	CARBON DIOXIDE (MG/L AS CO2)	790828	1200	519.0000000	11NPSYSP	106400000000053	
YELL0272	00665	PHOSPHORUS, TOTAL (MG/L AS P)	740905	1200	12.3000000	11NPSYSP	201700000000052	X
YELL0290	00405	CARBON DIOXIDE (MG/L AS CO2)	760727	1200	255.0000000	11NPSYSP	100700000000074	
YELL0301	00405	CARBON DIOXIDE (MG/L AS CO2)	800814	1200	206.0000000	11NPSYSP	100700000000071	
YELL0352	00445	CARBONATE ION (MG/L AS CO3)	770804	1200	143.0000000	11NPSYSP	103300000000055	
YELL0366	00300	OXYGEN, DISSOLVED MG/L	830725	1200	37.4000000	11NPSYSP	101700000000051	X
YELL0384	00440	BICARBONATE ION (MG/L AS HCO3)	790830	1200	1333.0000000	11NPSYSP	102200000000051	
YELL0384	00445	CARBONATE ION (MG/L AS CO3)	790830	1200	271.0000000	11NPSYSP	102200000000051	
YELL0386	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	911115	0830	0.0000000	112WRD	06190370	X
YELL0386	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	921202	0845	0.0000000	112WRD	06190370	X
YELL0389	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	911115	0750	0.0000000	112WRD	06190530	X
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	670511		610.0000000	112WRD	06190540	X
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	710303	1625	49.5000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	880914	1300	41.8000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	881005	1530	41.9000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	881101	1000	40.5000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	881205	1345	39.5000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	881215	1045	47.5000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	890102	1545	47.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	890113	1600	40.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	890217	1145	41.5000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	890313	1530	43.1000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	890411	1245	44.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	890509	1030	41.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	890516	1815	45.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	890606	1415	41.8000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	890705	1515	44.3000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	890808	1500	45.5000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	890905	1600	48.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	890911	1500	47.5000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	891003	1400	47.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	891106	1210	48.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	891115	1239	48.3000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	900102	1545	47.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	900103	1400	47.0000000	112WRD	06190540	

Water Quality Observations
Outside STORET Edit Criteria for YELL

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	900202	0730	55.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	900214	1445	48.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	900216	1030	44.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	900404	1445	48.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	900509	1730	42.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	900515	1712	42.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	900613	1400	42.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	900724	1630	44.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	900725	1200	43.3000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	900906	1240	44.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	901003	1700	43.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	901004	1030	43.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	901114	1500	46.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	901115	1150	46.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	910104	1200	43.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	910124	0940	42.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	910211	1430	44.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	910314	1300	42.5000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	910327	1300	43.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	910507	1630	44.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	910508	1215	43.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	910626	1445	42.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	910815	1120	44.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	910930	1630	43.5000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	911115	1110	42.3000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	911216	1555	41.5000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	920205	1415	41.3000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	920324	1315	42.2000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	920505	1345	41.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	920616	1430	39.6000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	920729	1315	42.5000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	920909	1035	42.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	921020	1450	41.9000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	921202	1335	41.0000000	112WRD	06190540	
YELL0400	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	930112	1515	39.2000000	112WRD	06190540	
YELL0400	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	881005	1530	0.0000000	112WRD	06190540	
YELL0400	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	891003	1400	0.0000000	112WRD	06190540	
YELL0418	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	710826	0845	8.5000000	113FORS1	06187910	
YELL0431	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	710824	1300	12.0000000	113FORS1	06201755	
YELL0432	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	710824	1200	13.0000000	113FORS1	06201757	
YELL0436	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	710824	1615	16.0000000	113FORS1	06201765	

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) YELLTABS.ZIP

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

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

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

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

(d) YELLOV0.DOC - Overview of park and retrieved data.

(e) YELLOV1.DOC - Station period of record table.

(f) YELLOV2.DOC - Parameter period of record table.

(g) YELLOV3.DOC - Station/parameter period of record table.

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

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

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

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

(l) YELLBAD.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 YELLOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\YELLOV1.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) YELLFIGS.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 YELL0001. 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 YELL0001) 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) YELLPARM.ZIP

This file compresses YELLPARM.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) YELLSITE.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) YELLWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

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

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

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

(e) YELLDAMS.DBF - All water impoundments within the project's study area downloaded from the DAMS database. (Not implemented in YELL 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) YELLMISC.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) YELLEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

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

(f) YELLWQ - 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 (YELLWQA, YELLWQB, YELLWQC, etc.) and the index map name will end with an ampersand (&).

(g) YELLIDG - 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 (YELLIDGA, YELLIDGB, YELLIDGC, 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) YELLSEHY - 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 YELLFIGS.ZIP and YELLTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in YELLMISC.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) YELLRF3.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) YELLWQMW.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: YELLPARM.DBF in YELLPARM.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: YELLPARM.DBF in YELLPARM.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: YELLPARM.DBF in YELLPARM.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: YELLWQ.DBF in YELLSITE.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: YELLWQ.DBF in YELLSITE.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: YELLIFD.DBF in YELLSITE.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: YELLIFD.DBF in YELLSITE.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: YELLIFD.DBF in YELLSITE.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: YELLDRIN.DBF in YELLSITE.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: YELLDRIN.DBF in YELLSITE.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: YELLDRIN.DBF in YELLSITE.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: YELLGAGE.DBF in YELLSITE.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: YELLGAGE.DBF in YELLSITE.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: YELLDAMS.DBF in YELLSITE.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: YELLDAMS.DBF in YELLSITE.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: YELLDAMS.DBF in YELLSITE.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: YELLDAMS.DBF in YELLSITE.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 YELLRF3.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 YELLRF3.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 YELLRF3.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 YELLRF3.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 YELLRF3.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 YELLRF3.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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